



REVISED ANADROMOUS STREAM CATALOG OF
SOUTHEASTERN ALASKA

Appendix D - District 4
Volume I

By:
Paul Novak
1975

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DEPARTMENT OF FISH AND GAME
Building, Juneau, Alaska 99801

James W. Brooks
Commissioner

ADF&G TECHNICAL DATA REPORTS

This series of reports is designed to facilitate prompt reporting of data from studies conducted by the Alaska Department of Fish and Game, especially studies which may be of direct and immediate interest to scientists of other agencies.

The primary purpose of these reports is presentation of data. Description of programs and data collection methods is included only to the extent required for interpretation of the data. Analysis is generally limited to that necessary for clarification of data collection methods and interpretation of the basic data. No attempt is made in these reports to present analysis of the data relative to its ultimate or intended use.

Data presented in these reports is intended to be final, however, some revisions may occasionally be necessary. Minor revisions will be made via errata sheets. Major revisions will be made in the form of revised reports.

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REVISED ANADROMOUS STREAM CATALOG OF
SOUTHEASTERN ALASKA

By

Paul Novak
Alaska Department of Fish and Game,
Division of Commercial Fisheries, 1975
Ketchikan, ~~Alaska~~ :

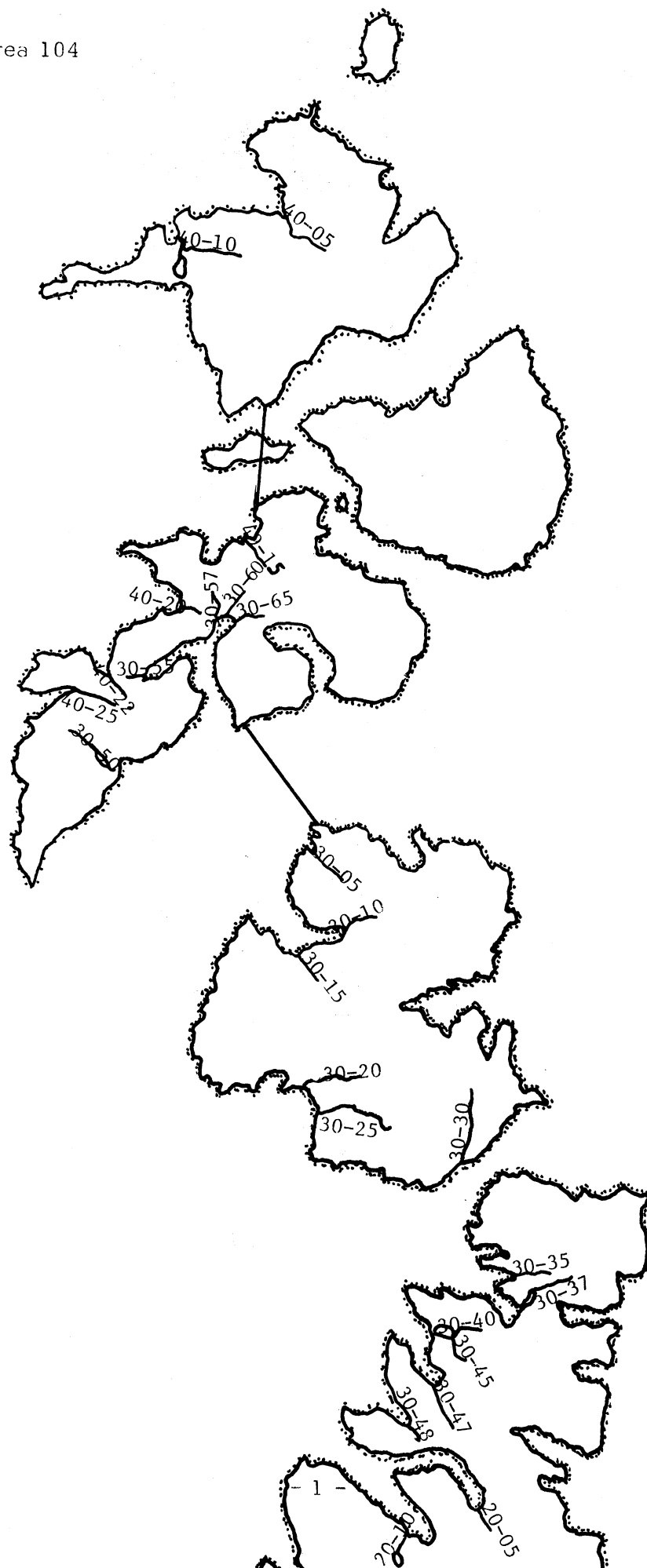
1975

Appendix D - District 4 .

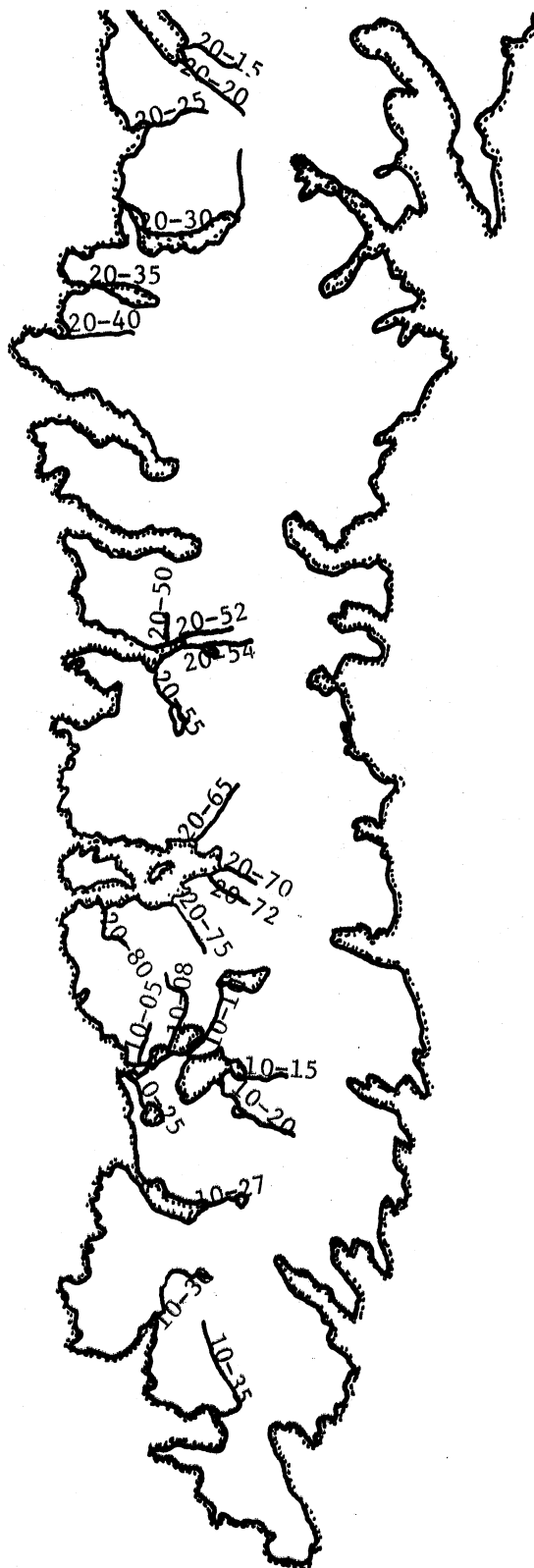
(Volume I) .

1. S.E. Alaska
2. Hydrology
I. Hydrology

Statistical Area 104
District 4



Statistical Area 104
District 4 (continued)



SUMMARY
STREAM EVALUATIONS

District 4

| Name & Number | Average width | Length | Area (Ft ²) | M ² | Spawning area (m ²) | Available area (m ²) |
|-----------------------------------|------------------------------------|----------------|-------------------------|----------------|------------------------------------|-------------------------------------|
| 104-10-05 N. Entrance Essowah | 12' | 900' | 10,800 | 1,003 | 60% | 601 |
| 104-10-08 .6 miles E. | 6' | 1,300' | 7,800 | 725 | 5% | 36 |
| 104-10-10 Parrot Creek | 80' 15' | 225' 1,000' | 18,000 15,000 | 1,672 1,394 | 80% 5% | 1,338 697 |
| 104-10-15 Bar Creek | 25' | 1,200' | 30,000' | 2,787 | 30% | 836 |
| 104-10-20 Lilly Pad Lake Creek | INTERMITTENT STREAM - NO POTENTIAL | | | | | |
| 104-10-25 Essowah Pt. Creek | 20' | 750' | 15,000 | 1,394 | 5% | 70 |
| 104-10-27 Security Bay | 15' 6' | 300' 150' | 4,500 900 | 418 83 | 60% 50% | 250 41 |
| 104-10-30 Liscome Creek | 30' | 2,640' | 79,200 | 7,357 | 50% | 3,678 |
| 104-10-35 Wolk Harbor | 10' | 1,200' | 12,000 | 1,114 | 70% | 780 |
| Subdistrict 104-10 total | | | | | | 8,327 |
| 104-20-05 Sea Otter Harbor | 5' | 900' | 4,500 | 418 | 50% | 209 |
| 102-20-10 Sea Otter Harbor | 20' | 100' | 2,000 | 185 | 10% | 18 |
| 104-20-15 Sakie Creek Left | 6' 8' | 150' 200' | 900 1,600 | 83 148 | 5% 20% | 4 29 |
| 104-20-20 Sakie Bay Creek | 20' | 1,980' | 39,600 | 3,678 | 60% | 2,207 |
| 104-20-25 Fishermen's Cove | 8' | 225' | 1,800 | 167 | 20% | 33 |

District 4 (continued)

| Name & Number | Average width | Length | Area (Ft ²) | M ² | Spawning area (m ²) | Available area (m ²) |
|----------------------------------|------------------|--------|-------------------------|----------------|------------------------------------|-------------------------------------|
| 104-20-30 Devils Lake Hd. St. | 15' | 2,000 | 39,000 | 3,623 | 20% | 724 |
| 104-20-35 Welcome Cove | 25' | 1,980 | 49,500 | 4,509 | 25% | 1,149 |
| 104-20-40 Augustine Bay | 7' | 600 | 4,200 | 390 | 80% | 312 |
| 104-20-50 Gooseneck Harbor | 4' | 90 | 360 | 33 | 60% | 20 |
| 104-20-52 Gooseneck Harbor | 6' | 120' | 720 | 66 | 5% | 3 |
| 104-20-54 Gooseneck Harbor | 10' | 90' | 900 | 83 | 5% | 4 |
| 104-20-55 Gooseneck Harbor | 5' | 130' | 650 | 60 | 1% | 6 |
| 104-20-65 Pt. Bazan | 15' | 900' | 13,500 | 1,254 | 5% | 62 |
| 104-20-70 Pt. Bazan | 10' | 900' | 9,000 | 836 | 40% | 334 |
| 104-20-72 Pt. Bazan | 3' | 150' | 450 | 41 | 5% | 2 |
| 104-20-75 Pt. Bazan | 15' | 375' | 5,625 | 522 | 5% | 26 |
| 104-20-80 Pt. Bazan | 10' | 150' | 1,500 | 139 | 60% | 83 |
| Subdistrict 104-20 total | | | | | | 5,225 |
| 104-30-10 Pt. Santa Cruz | 8' | 660' | 5,280 | 490 | 25% | 122 |
| 104-30-15 | 33' | 450' | 14,850 | 1,379 | 20% | 275 |
| 104-30-20 | 20' | 1,320' | 26,400 | 2,452 | 20% | 490 |
| 104-30-25 Arena Creek | 8' | 900' | 7,200 | 668 | 30% | 200 |

District 4 (continued)

| Name & Number | Average width | Length | Area (Ft ²) | M ² | Spawning area (m ²) | Available area (m ²) |
|-------------------------------|------------------|--------|-----------------------------|----------------|------------------------------------|-------------------------------------|
| 104-30-05 | | | INTERMITTENT - NO POTENTIAL | | | |
| 104-30-15 | | | INTERMITTENT - NO POTENTIAL | | | |
| 104-30-30 | | | INTERMITTENT - NO POTENTIAL | | | |
| 104-30-35 | 9' | 300' | 2,700 | 250 | 20% | 50 |
| | 9' | 300' | 2,700 | 250 | 20% | 50 |
| 104-30-37 Bobs Bay | 6' | 300' | 1,800 | 107 | 5% | 8 |
| 104-30-40 Diver Bay | 9' | 225' | 2,025 | 188 | 50% | 94 |
| 104-30-45 Hole in the Wall | 8' | 375' | 3,000 | 278 | 40% | 111 |
| 104-30-50 Fortaleza Cr. | 40' | 60' | 2,400 | 222 | 90% | 200 |
| 104-30-47 | | | INTERMITTENT - NO POTENTIAL | | | |
| 104-30-48 | | | INTERMITTENT - NO POTENTIAL | | | |
| 104-30-55 | | | INTERMITTENT - NO POTENTIAL | | | |
| 104-30-57 Pt. San Antonio | 10' | 2,500 | 25,000 | 2,322 | 20% | 464 |
| 104-30-60 | 16' | 7,450 | 7,200 | 669 | 60% | 401 |
| 104-30-65 | | | INTERMITTENT - NO POTENTIAL | | | |
| Subdistrict 104-30 total | | | | | | 2,465 |
| 104-40-05 Roller Bay Cr. | 35' | 3,960 | 138,600 | 12,875 | 10% | 1,287 |
| 104-40-10 | | | NO POTENTIAL | | | |
| 104-40-15 | | | NO POTENTIAL | | | |
| 104-40-20 | | | NO POTENTIAL | | | |
| 104-40-22 | | | NO POTENTIAL | | | |

District 4 (continued)

| Name & Number | Average width | Length | Area (Ft ²) | M ² | Spawning area (m ²) | Available area (m ²) |
|---------------|------------------|--------|-------------------------|----------------|------------------------------------|-------------------------------------|
|---------------|------------------|--------|-------------------------|----------------|------------------------------------|-------------------------------------|

104-40-25

NO POTENTIAL

| | |
|--------------------------|-------|
| Subdistrict 104-40 total | 1,287 |
|--------------------------|-------|

| | |
|---|--------|
| District 4 Available Spawning Area Total | 17,304 |
|---|--------|

Trap Creek
Essowah Harbor
104-10-05
Downey

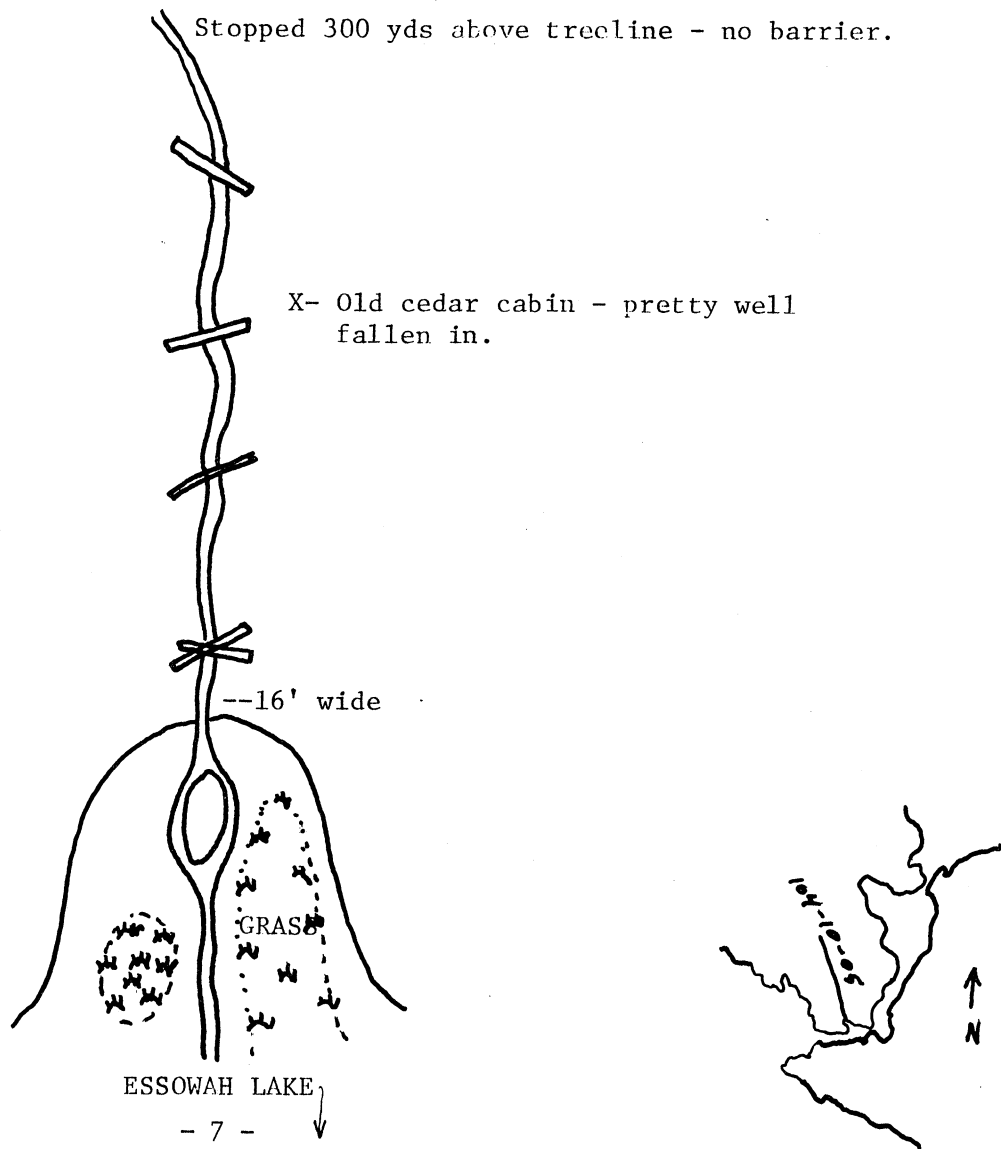
Moderate debris but nothing real bad to get over.

Unidentified fry throughout - looked like coho.

Small gravel - 1" and less - with some finer, almost sand-like.

60% Available spawning area.

Nice smaller type stream about normal flow - shallow 2"-6".



Name Trap Creek Catalog No. 104-10-05
Latitude N 54° 46' 30" WR No. -
Longitude W 132° 53' 40" K No. -
Geodetic Map No. Dixon Entrance D-3 Work Area Ketchikan
Location W. Coast Dall I. .4 mi NE Essowah Pt. Watershed Length 1.3 miles
Drainage Area of Watershed 1.1 square miles.
Water Supply Type Precipitation fed.

Trails & Survey Routes Easy walking in stream bed.

Aerial Survey Notes Too short to survey by air.

Anchorage No known anchorages as this area is exposed. Nearest anchorage in Port Bazan 3 miles northwest.

Tide Stage When Surveyed half

FISHERY RESOURCES

Commercial Fisheries Pink, coho

Escapement Unknown. No historical record.

Available spawning area - 601 M²

Species Composition Unknown

Timing Unknown

Schooling areas None observed.

Shellfish Potential None noted. There could be abalone beds in adjacent areas.

Sport Fisheries Not very much potential as a sports fishing stream.

Land Use at Present None. This area is too remote for use as a recreation area.

History of Land Use Unknown. This area has seen little use by humans due to its remoteness and exposed location.

Rehabilitation Potential No rehab. necessary to increase salmon production.

Soils Soils are stable.

GAME RESOURCES

| | | |
|---------------|---|---|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | 0 |
| | Number of droppings | 0 |
| Geese ----- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mallards ---- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mergansers - | Number of broods seen | 0 |
| Bald Eagles- | Number seen along creek | 0 |
| | Number of nests seen and location | 0 |
| Seals ----- | Number seen at mouth of stream | 0 |
| Tide flats - | Estimate length along beach | 0 |
| | Estimate depth out from beach | 0 |
| | Eel grass present on what percent of flats | 0 |

Observers: Downey
Date: 8-11-75

Name: Trap Creek

Temperature:

Number: 104-10-05

Weather:

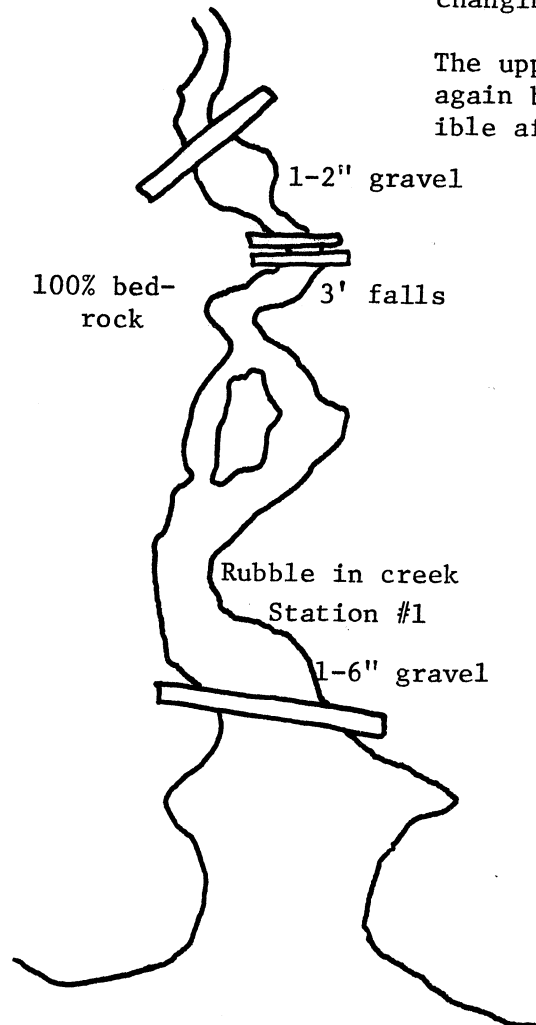
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General Remarks (rehab., land use, barriers, log jams, etc.):

Essowah Lake Creek
104-10-08
R. Larson
8-11-75

60% ASA in mouth of stream rapidly
changing to 0% 50 yards upstream.

The upper stream has more gravel
again but steepens and becomes impass-
ible after approximately 1/4 mile.



5% ASA



Name Essowah Lake Creek Catalog No. 104-10-08
 Latitude N 54° 47' 44" WR No. _____
 Longitude W 132° 52' 51" K No. _____
 Geodetic Map No. Dixon Entrance D-3 Work Area Ketchikan
 Location .6 mile west of Parrot Cr. Watershed Length 1.5 miles
 Drainage Area of Watershed 1.5 sq. miles
 Water Supply Type Precipitation

Trails & Survey Routes Stream bed can be walked but has much debris in the stream and quite brushy banks.

Aerial Survey Notes Stream is too small and dark to survey by air.

Anchorage Lake stream.

Tide Stage When Surveyed N/A

FISHERY RESOURCES

Commercial Fisheries No fry seen although stream could be used for spawning by a small number of pink, coho and sockeye.

Escapement This is a very low potential stream due to its small size and poor spawning area. Available spawning area - 36 M²

Species Composition Unknown

Timing Unknown

Schooling areas In mouth of stream.

Shellfish Potential None

Sport Fisheries Dolly Varden in Essowah Lake.

Land Use at Present None

History of Land Use Unknown

Rehabilitation Potential None

Soils Stable.

GAME RESOURCES

| | | |
|---------------|---|---|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | - |
| | Number of droppings | - |
| Geese ----- | Number seen on tide flats | - |
| | Number seen up creek | - |
| | Number of broods seen | - |
| Mallards ---- | Number seen on tide flats | - |
| | Number seen up creek | - |
| | Number of broods seen | - |
| Mergansers - | Number of broods seen | - |
| Bald Eagles-- | Number seen along creek | - |
| | Number of nests seen and location | - |
| Seals ----- | Number seen at mouth of stream | - |
| Tide flats - | Estimate length along beach | - |
| | Estimate depth out from beach | - |
| | Eel grass present on what percent of flats | - |

Observers: R. Larson

Observers: R. Larson

Date: 8-11-75

Temperature: 60°F

Weather: Overcast

Name: Essowah Lake Stream

Number: 104-10-08

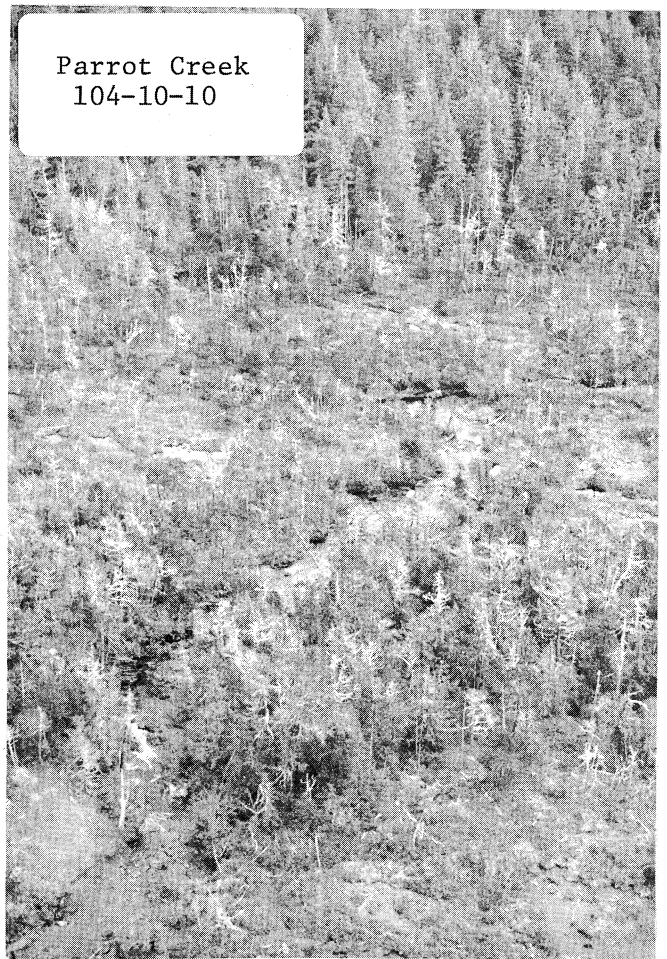
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General Remarks (rehab., land use, barriers, log jams, etc.): Low potential due to limited spawning area and small size of stream.

Mouth of Parrot
Creek, Essowah
Lake.

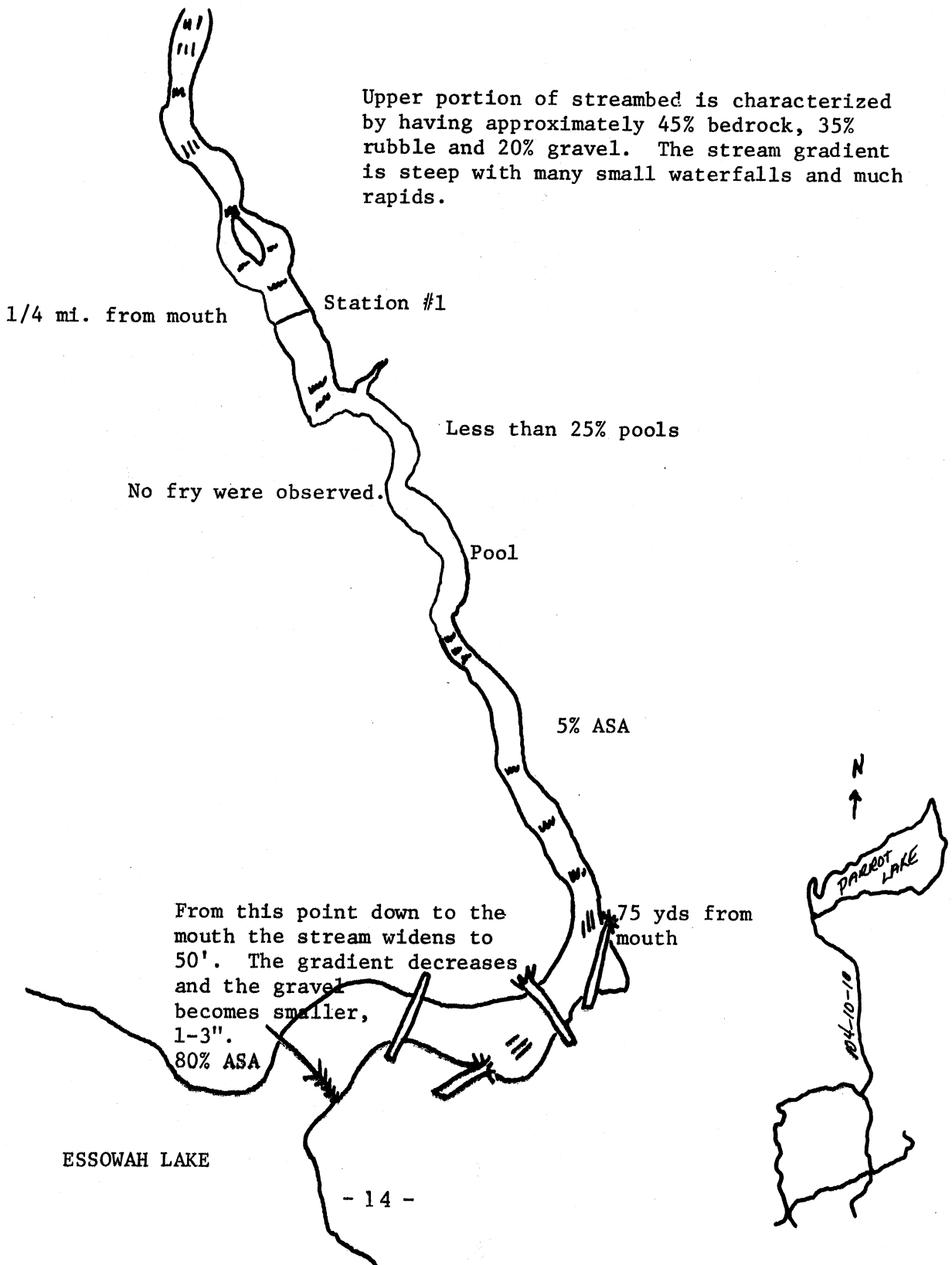


Parrot Creek
104-10-10



Parrot Lake above
stream 104-10-10

Parrot Creek
104-10-10
Novak, R.Larson, Downey
8-11-75



Name Parrot Creek Catalog No. 104-10-10
 Latitude N 54° 47' 47" WR No. _____
 Longitude W 132° 52' 27" K No. _____
 Geodetic Map No. Dixon Entrance D-3 Work Area Ketchikan
 Location Outflow Cr. of Parrot L. Watershed Length 3 miles
 Drainage Area of Watershed 4.4 sq. miles
 Water Supply Type Lake, groundwater from small muskegs and precipitation.

Trails & Survey Routes Streambed can be walked at normal water levels, banks are quite brushy.

Aerial Survey Notes The extreme lower end has a light colored bottom and fish should be visible if present. The greatest portion of the creek would be very difficult to survey ~~XXXXXXXXXX~~ due to dark colored bottom and rapids.

Anchorage _____

Tide Stage When Surveyed _____

FISHERY RESOURCES

Commercial Fisheries Should provide spawning area for pink, coho, and sockeye.
 Old fish bones found next to Station #1, no fry seen in creek.
 Escapement Present escapement unknown
Available spawning area - 2,035 M²
 Species Composition Unknown

Timing Unknown
 Schooling areas At mouth of creek.

Shellfish Potential None

Sport Fisheries Dolly Varden in Parrot Lake and some large ones in Essowah Lake.

Land Use at Present None

History of Land Use Unknown

Rehabilitation Potential None to increase salmon production.

Soils Shallow layer of duff over bedrock, banks are stable.

GAME RESOURCES

| | | |
|--------------|---|-------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | _____ |
| | Number of droppings | _____ |
| Geese ----- | Number seen on tide flats | _____ |
| | Number seen up creek | _____ |
| | Number of broods seen | _____ |
| Mallards --- | Number seen on tide flats | _____ |
| | Number seen up creek | _____ |
| | Number of broods seen | _____ |
| Mergansers - | Number of broods seen | _____ |
| Bald Eagles- | Number seen along creek | _____ |
| | Number of nests seen and location | _____ |
| Seals ----- | Number seen at mouth of stream | _____ |
| Tide flats - | Estimate length along beach | _____ |
| | Estimate depth out from beach | _____ |
| | Eel grass present on what percent of flats | _____ |

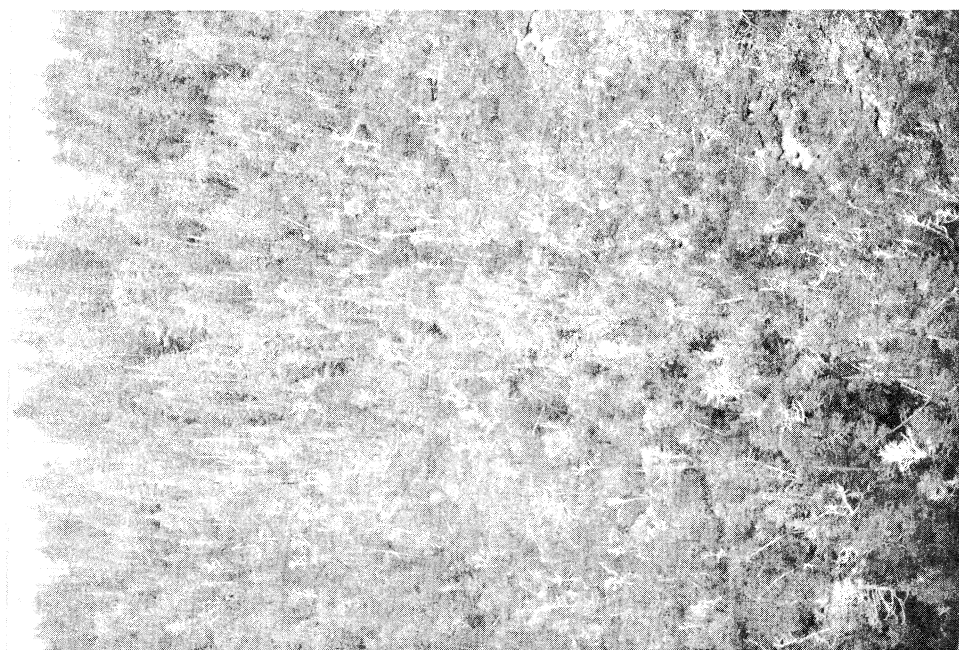
Observers: Novak, Downey, R. Larson
Date: 8-II-75

Temperature: 59°

Weather: Partly cloudy

[illegible]

General Remarks (rehab., land use, barriers, log jams, etc.): Old fish bones observed in muskeg next to Station #1.
Cedar - hemlock, scrub timber, open muskeg type.



STREAM INVENTORY FORM

Name: Bar Creek

Number: 104-10-15

| | | | | | | | | | |
|-------------|--|--|--|--|--|--|--|--|--|
| 1 | | | | | | | | | |
| 3/2 | | | | | | | | | |
| 25'W 8"D | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 2/1 | | | | | | | | | |
| 2 | | | | | | | | | |
| est. 6 | | | | | | | | | |
| 53 | | | | | | | | | |
| 5 | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 3 | | | | | | | | | |
| 2 | | | | | | | | | |
| 1 | | | | | | | | | |

Station No.

Pool Size/Type

Riffle Type
Width-Depth

Pool Riffle
Frequency

Bottom Type
(Riffle)

Color/Turbidity

Velocity

Flow (C.F.S.)

Temp. (°F.)

pH

Fry Abundance

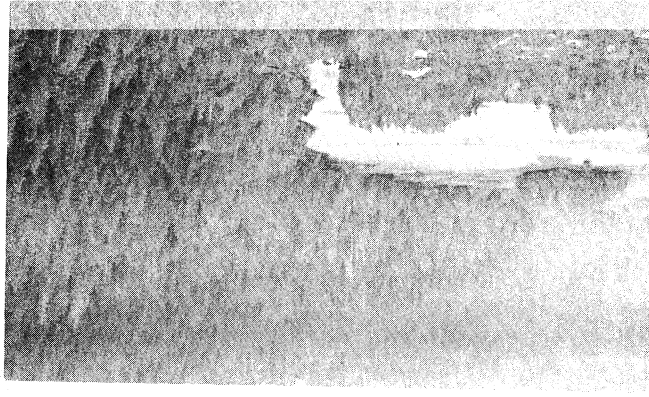
Benthos
Sample No.

Higher Plant
Class

Aquatic Veg.
Density
Ident.

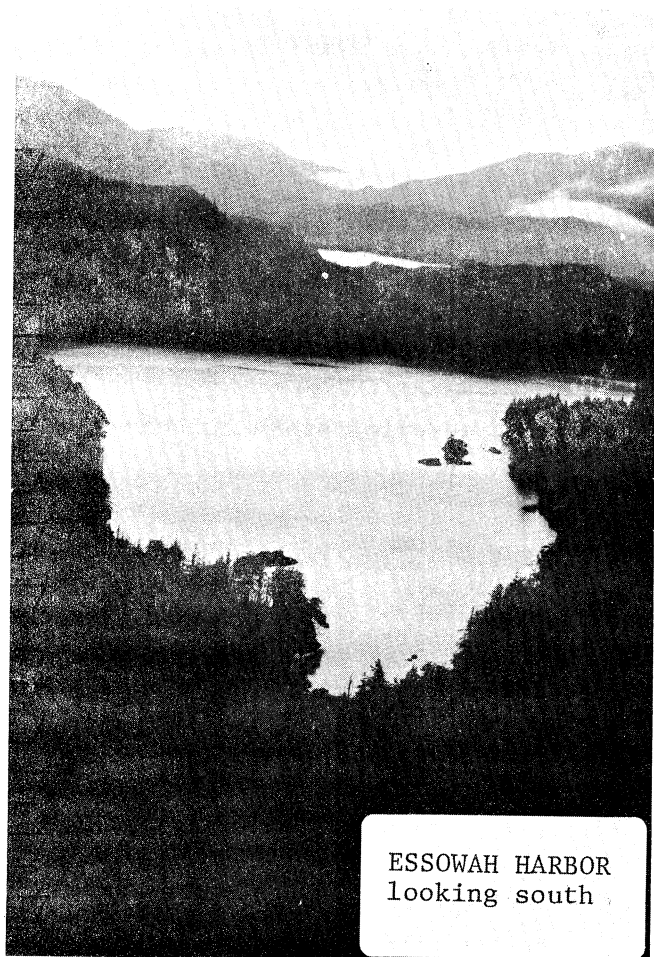
(1) Mosses
(2) Algae

General Remarks (rehab., land use, barriers, log jams, etc.): Upstr but due to the small size of the stream no remedial action recomm



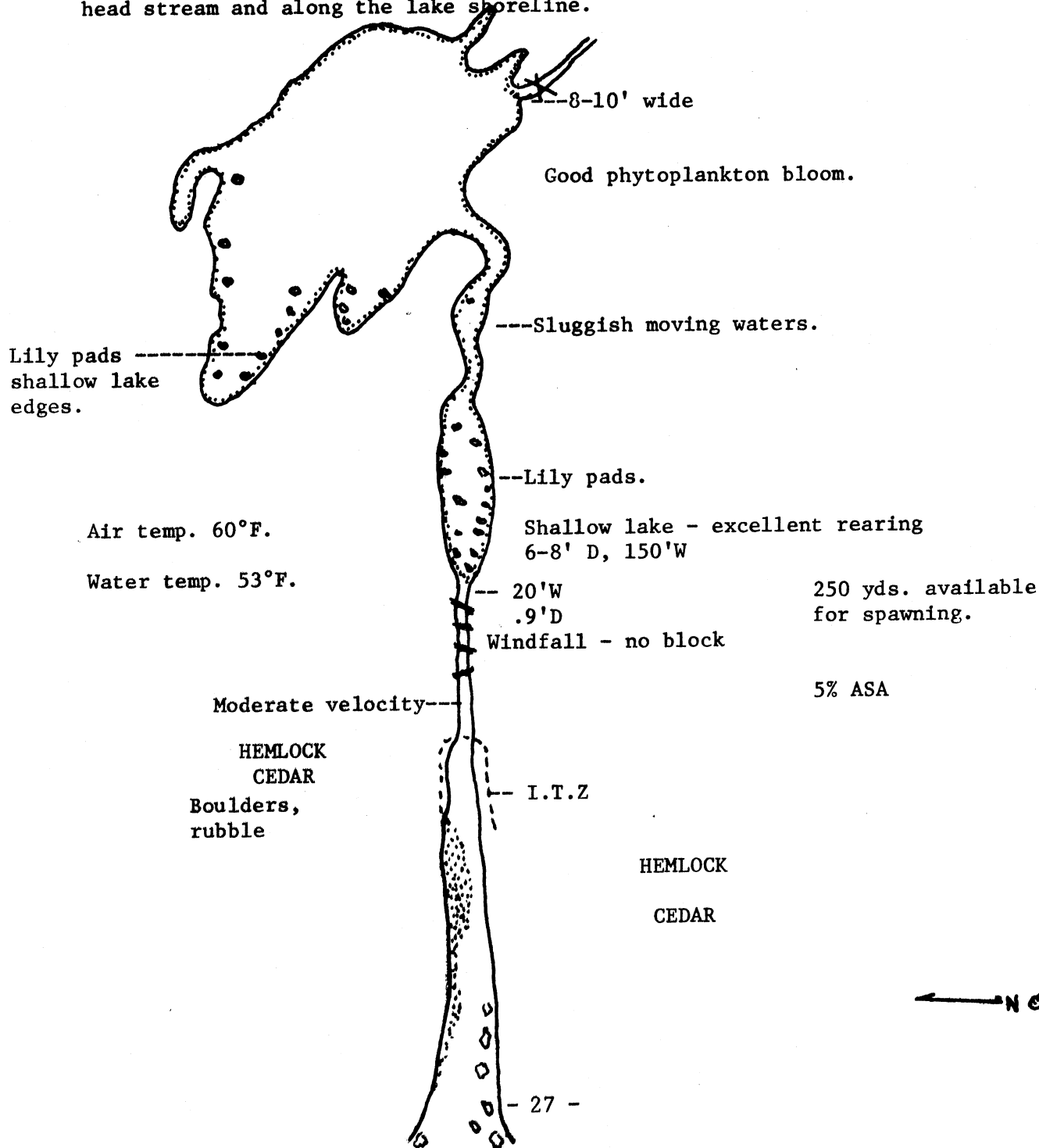


Lilly Pad Lake Cr
looking upstream.
104-10-20



Essowah Pt. Creek
 104-10-25
 8-11-75
 Novak

This system appears to be an excellent sockeye producer, based on the available rearing area of the lakes and potential spawning areas at the head stream and along the lake shoreline.



Name Essowah Pt. Creek Catalog No. 104-10-25
Latitude N 54° 46' 20" WR No. _____
Longitude W 132° 53' 52" K No. _____
Geodetic Map No. Dixon Entrance D-3 Work Area Ketchikan
Location West Coast Dall Island Watershed Length 1.5 miles
Drainage Area of Watershed .9 sq. miles (polar planimeter)
Water Supply Type Lake system with ground water and precipitation supplements.
Precipitation levels not as high as inter islands.
Trails & Survey Routes Walk up streambed. Mid-section has some windfall but is negotiable.
Aerial Survey Notes Dark muskeg water. Small stream with heavy side canopy. May be possible to observe fish on lake.
Anchorage No known anchorage. Very exposed conditions. Port Bazan is the nearest suggested anchorage - 3 miles N.W.
Tide Stage When Surveyed 1st half of ebb.

FISHERY RESOURCES

Commercial Fisheries Sockeye, coho, pink, chum

Escapement Unknown - no records.

Available spawning area - 70 M²

Species Composition Unknown

Timing Late - September, October

Schooling areas School with fish destined for Essowah Lake system. Possible area may be along south shore of point at mouth.

Shellfish Potential Poor clam habitat. Unprotected area so would guess crab population minimal.

Sport Fisheries Dolly Varden adults observed in mouth of Essowah system.

Land Use at Present None

History of Land Use Old cabin at mouth of Essowah lakes for trapping and recreation - 1950-60's.

Rehabilitation Potential None necessary as the windfall in the mid-section is not a problem.

Soils Stable. Low laying topography in the system.

GAME RESOURCES

| | | |
|--------------|---|----------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | - |
| | Number of droppings | - |
| Geese ----- | Number seen on tide flats | - |
| | Number seen up creek | - |
| | Number of broods seen | - |
| Mallards --- | Number seen on tide flats | - |
| | Number seen up creek | - |
| | Number of broods seen | - |
| Mergansers - | Number of broods seen | - |
| Bald Eagles- | Number seen along creek | - |
| | Number of nests seen and location | - |
| Seals ----- | Number seen at mouth of stream | - |
| Tide flats - | Estimate length along beach | 200 yds. |
| | Estimate depth out from beach | 10 feet |
| | Eel grass present on what percent of flats | 0 |

Observers: Novak

Observers: Novak

Date: 8-11-75

Date: 8-11-75

Name: Essowah Pt. Creek

Temperature: 60°

Number: 104-10-25

Weather: Partly cloudy

[illegible]

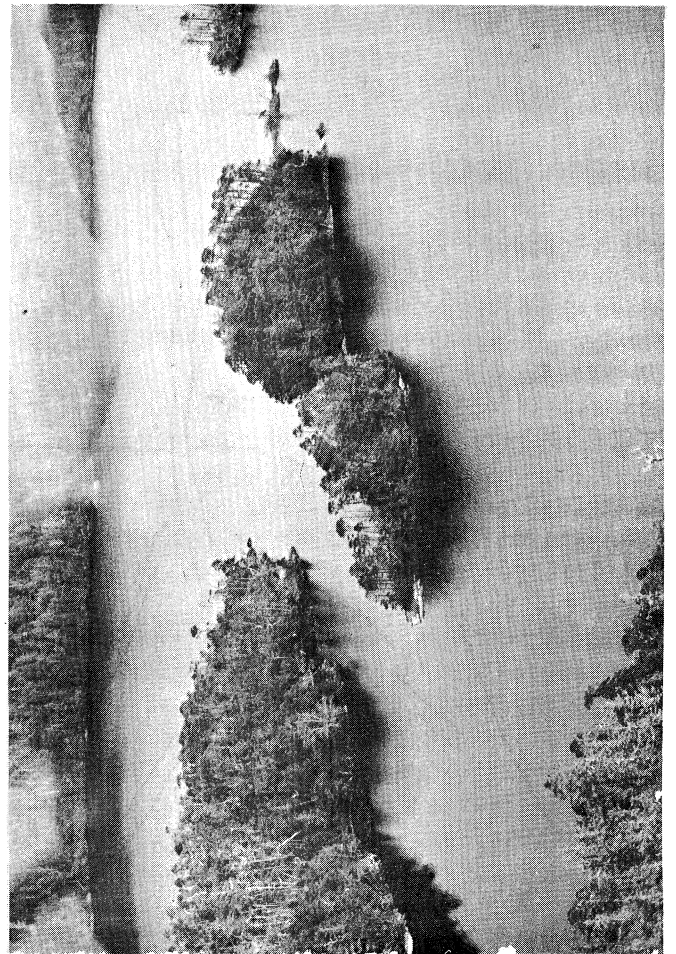
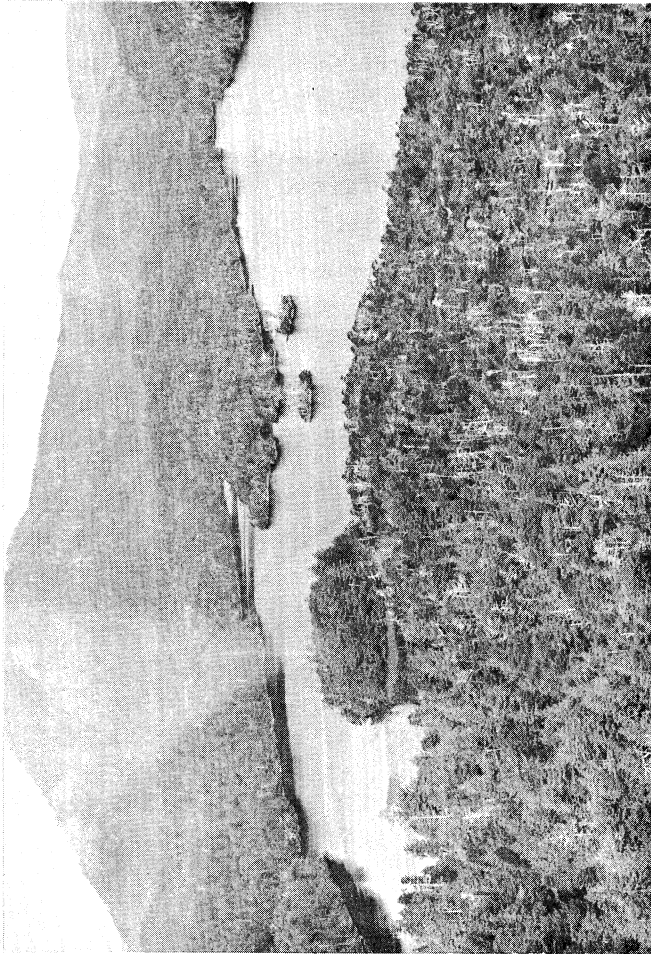
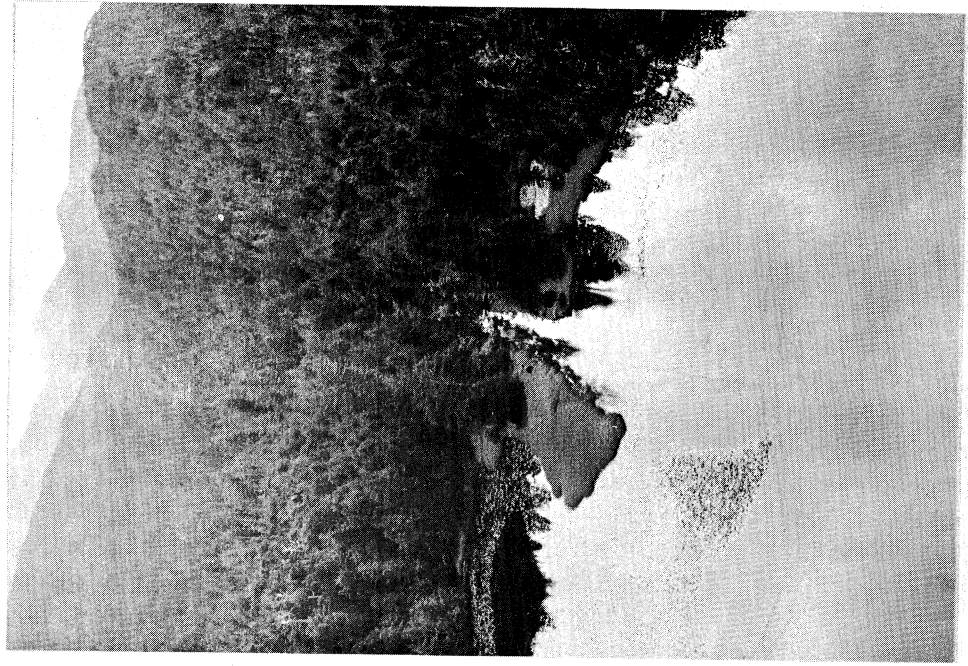
General Remarks (rehab., land use, barriers, log jams, etc.): * Cedar, hemlock



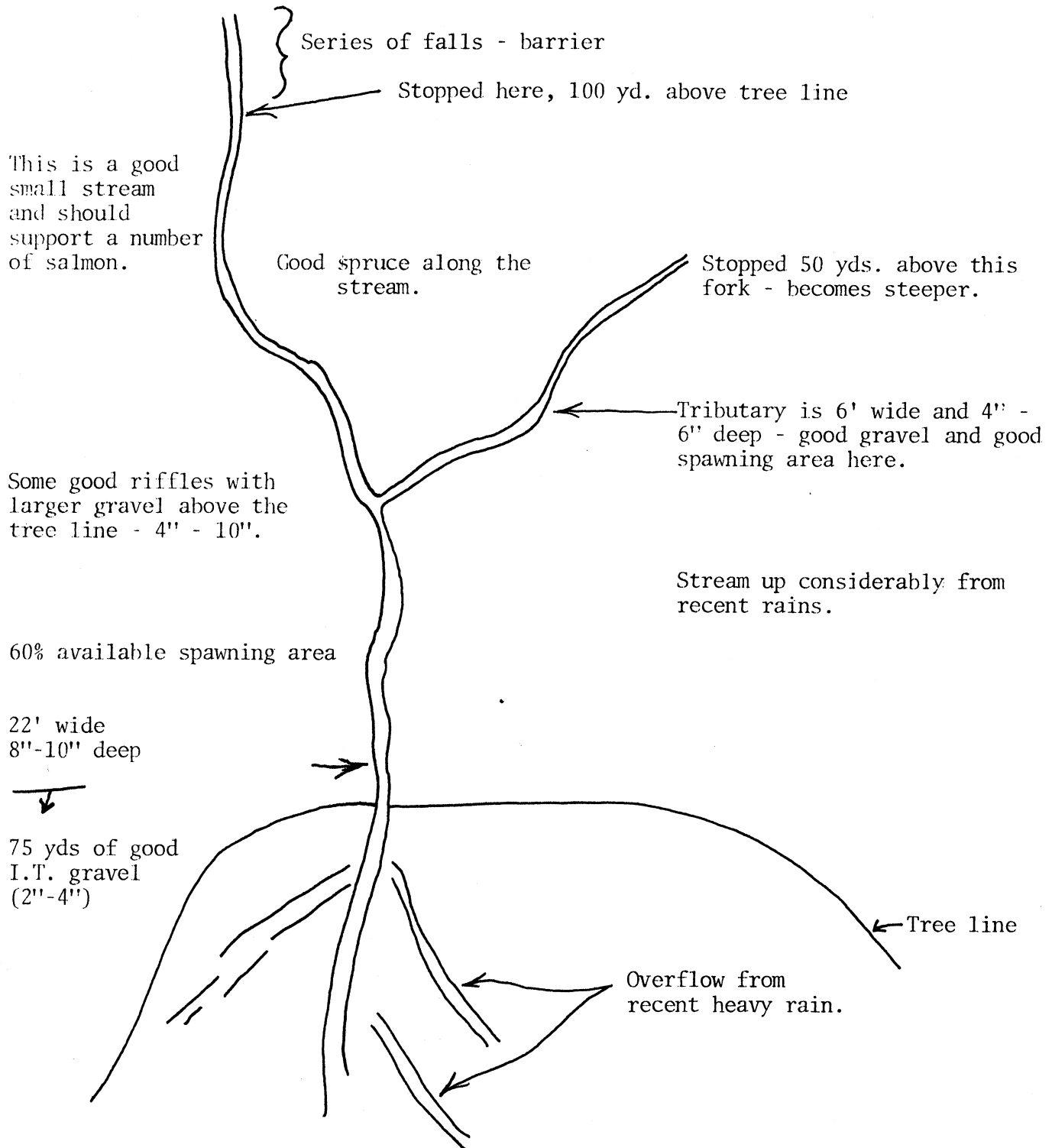
Security Cove -
Head Stream
mouth



Security Cove Cr.
Lake System



Security Bay
104-10-27
7-23-74
Downey



Name Security Cove - Head Catalog No. 104-10-27
 Latitude 54° 45' 04" WR No. _____
 Longitude 132° 49' 08" K No. _____
 Geodetic Map No. Dixon Ent - D-3 Work Area Ketchikan
 Location West Coast Dall Island Watershed Length 1.5 miles
 Drainage Area of Watershed _____
 Water Supply Type Drains a lake, precipitation.

Trails & Survey Routes Easiest walking is in the stream or stream banks, not too brushy.

Aerial Survey Notes Could survey the I.T.Z. but too brushy above this for surveying.

Anchorage As you enter Security Bay anchor in the first small bight on the left.

Tide Stage When Surveyed Low tide.

FISHERY RESOURCES

Commercial Fisheries Unknown, probably pink, chum and coho.

Escapement 500 at the mouth on 8-27-70.

Available spawning area - 293 M²

Species Composition Probably pink and chum.

Timing Late

Schooling areas Off the mouth.

Shellfish Potential Somewhat rocky but could be some clams. No crab pots were set.

Sport Fisheries Unknown but not much potential.

Land Use at Present None

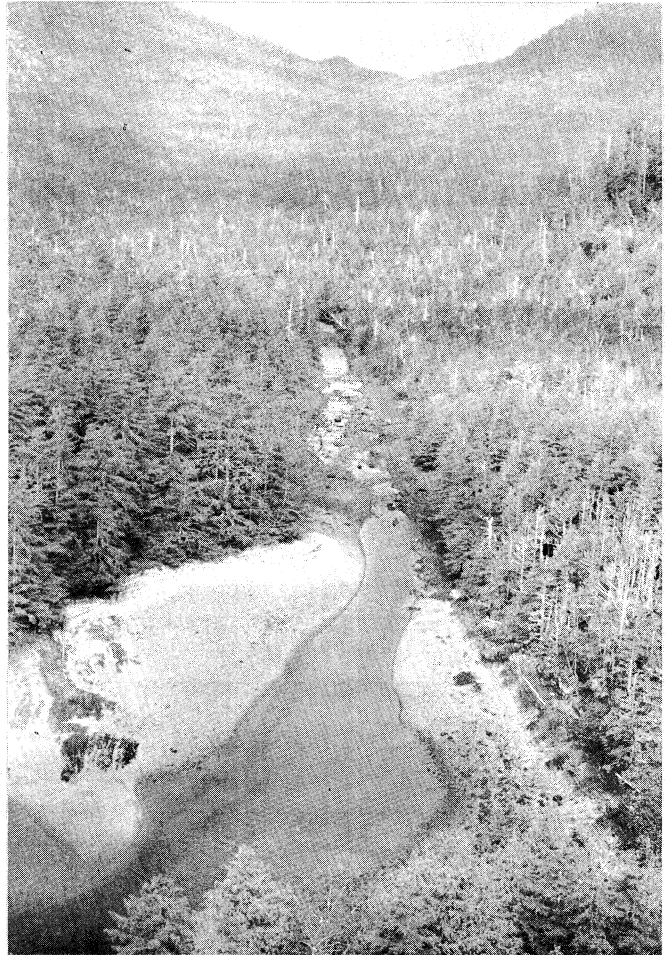
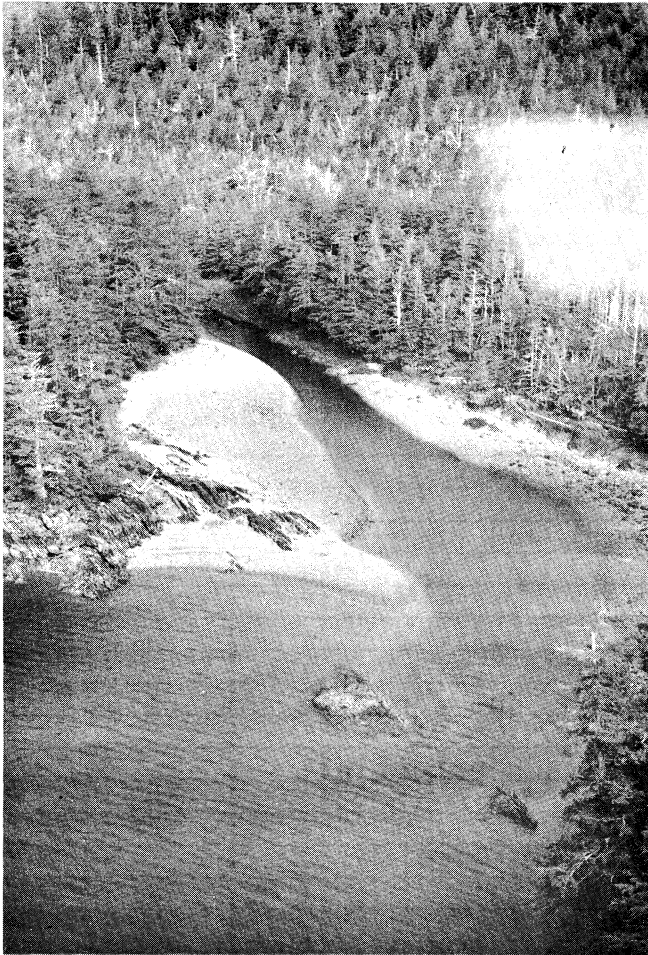
History of Land Use None

Rehabilitation Potential Too small, not enough potential.

Soils Stable to the point walked.

GAME RESOURCES

| | | |
|--------------|---|-----------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | <u>0</u> |
| | Number of droppings | <u>0</u> |
| Geese ----- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mallards --- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mergansers - | Number of broods seen | <u>0</u> |
| Bald Eagles- | Number seen along creek | <u>0</u> |
| | Number of nests seen and location | <u>0</u> |
| Seals ----- | Number seen at mouth of stream | <u>0</u> |
| Tide flats - | Estimate length along beach | |
| | Estimate depth out from beach | |
| | Eel grass present on what percent of flats | <u>5%</u> |



Mouth of Liscome Creek - 104-10-30

104-10-30

Stream looks good as far up
as I went. 60% available
spawning area overall.

Walking is easy.
All in all a very good
stream.

Have observed some deer
tracks.

Walked to here - 1/2 mile.

Windfall

Tributaries

Pool

Banks flat and stable
with hemlock over spruce.

This section has more pools
50% available spawning area.

Pool

Game trail

Stream has good gravel
(2" - 6") and some rubble.
80% available spawning area.

I.T.Z. 200 yds. long has
good gravel.

80% available spawning area.

Station #1
30' x 6"

Tree line

Name Liscome Creek Catalog No. 104-10-30
Latitude N 54° 42' 47" WR No. _____
Longitude W 132° 48' 35" K No. _____
Geodetic Map No. Dixon Ent. C-2 Work Area Ketchikan
Location W. Coast Dall Island Watershed Length 3 miles
Drainage Area of Watershed _____
Water Supply Type Runoff

Trails & Survey Routes Game trail on west bank.

Aerial Survey Notes Aerial visibility should be good.

Anchorage None in cove.

Tide Stage When Surveyed high tide, ebbing

FISHERY RESOURCES

Commercial Fisheries Available to pink, chum, and coho

Escapement Available spawning area - 3,678 M²

Species Composition _____

Timing No record

Schooling areas Mouth of bay, either north or south point.

Shellfish Potential None - rock and cobblestone

Sport Fisheries _____

Land Use at Present None

History of Land Use None

Rehabilitation Potential Log jam in windfall may cause trouble later.
No barriers at present.

Soils Banks flat and stable.

GAME RESOURCES

| | | |
|---------------|---|----------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | 0 |
| | Number of droppings | 0 |
| Geese ----- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mallards --- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mergansers -- | Number of broods seen | 0 |
| Bald Eagles-- | Number seen along creek | 0 |
| | Number of nests seen and location | 0 |
| Seals ----- | Number seen at mouth of stream | 0 |
| Tide flats - | Estimate length along beach | 200 yds. |
| | Estimate depth out from beach | 10 ft. |
| | Eel grass present on what percent of flats | 0 |

Observers: Joyner

Date: 7-25-74

Temperature: 58°

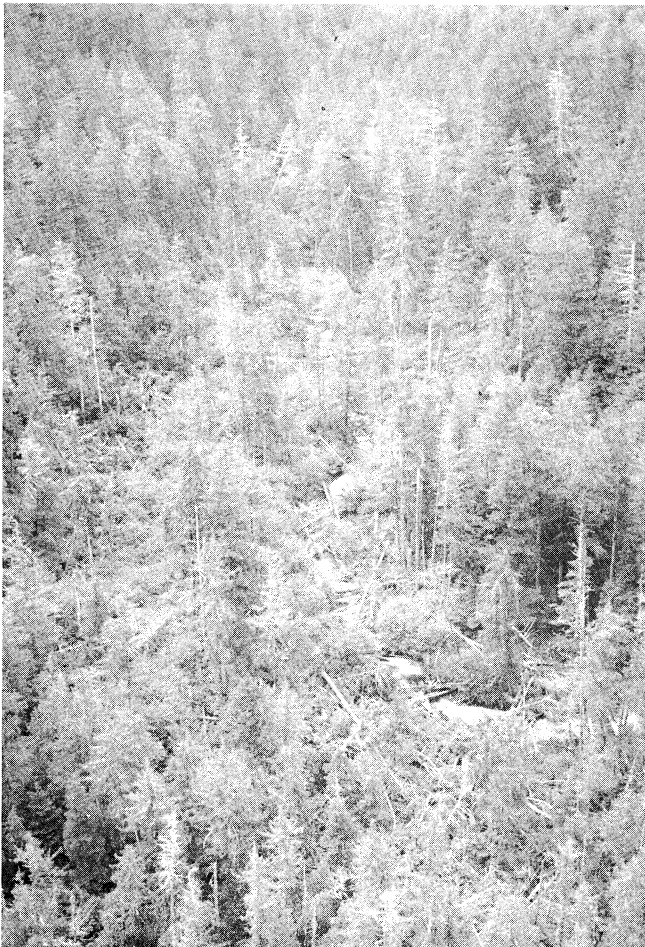
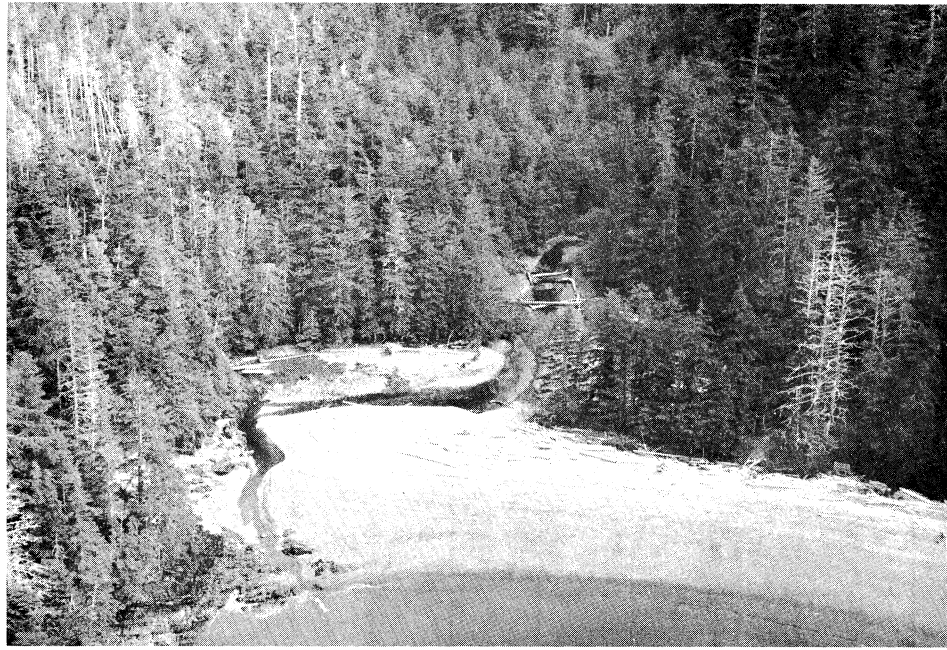
Weather: Overcast

Name: Liscome

Number: 104-10-30

[illegible]

General Remarks (rehab., land use, barriers, log jams, etc.):



Wolk Harbor
104-10-35

400 yards above I.T. Stopped here but stream probably has potential above this at least for a short distance.

Wolk Harbor
104-10-35
7-25-74
Downey

Large number of trees in and across the stream - probably no barrier

Small tributary or anabranch

Several logs and a piece of cable.

2 unidentified fry.

This appeared to be a very good fish stream to me with some very good riffles and gravel.

← 10' wide, 2"-6" deep

70% available spawning area.

Saw old saw cuts along the stream - probably some logging upstream.

Good pools, 5' deep

Split channel area

Easy walking, good stream

← 1' falls, some bedrock

Good gravel (2" - 6") and nice riffles.

Logs piled up.

Small fringe of trees.

Name Wolk Harbor - Left Head Catalog No. 104-10-35
Latitude 54° 41' 48" WR No. _____
Longitude 132° 45' 17" K No. _____
Geodetic Map No. Dixon Ent. C-3 Work Area Ketchikan
Location West Coast of Dall Island Watershed Length 2.25 miles
Drainage Area of Watershed _____
Water Supply Type Springs, precipitation.

Trails & Survey Routes Easy to walk in and along the stream.

Aerial Survey Notes Could possibly survey with a helicopter and IT. can be surveyed by plane.

Anchorage No anchorage anywhere in this area - run to Security Cove.

Refer to navigation chart #8146 and Alaska Coast Pilot.

Tide Stage When Surveyed Tide just starting to ebb.

FISHERY RESOURCES

Commercial Fisheries Unknown but a good small stream and should support pink, chum and coho.

Escapement Unknown

Available spawning area - 780 M²

Species Composition Unknown

Timing Late

Schooling areas Off the mouth or a couple of good pools within the stream.

Shellfish Potential Too sandy with too much swell except for possibly abalone in this area.

Sport Fisheries Unknown but isn't a large stream, so potential should be very poor for much of a sport fishery.

Land Use at Present None

History of Land Use There appears to have been some logging activity along the upper portion of the stream.

Rehabilitation Potential None - okay as is.

Soils Stable to the point walked.

GAME RESOURCES

| | | |
|---------------|---|----------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | <u>0</u> |
| | Number of droppings | <u>0</u> |
| Geese ----- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mallards ---- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mergansers - | Number of broods seen | <u>0</u> |
| Bald Eagles-- | Number seen along creek | <u>0</u> |
| | Number of nests seen and location | <u>0</u> |
| Seals ----- | Number seen at mouth of stream | <u>0</u> |
| Tide flats - | Estimate length along beach | _____ |
| | Estimate depth out from beach | _____ |
| | Eel grass present on what percent of flats | _____ |

STREAM INVENTORY FORM

Observers: Downey.

Date: 7-25-74

Name: Wolk Harbor

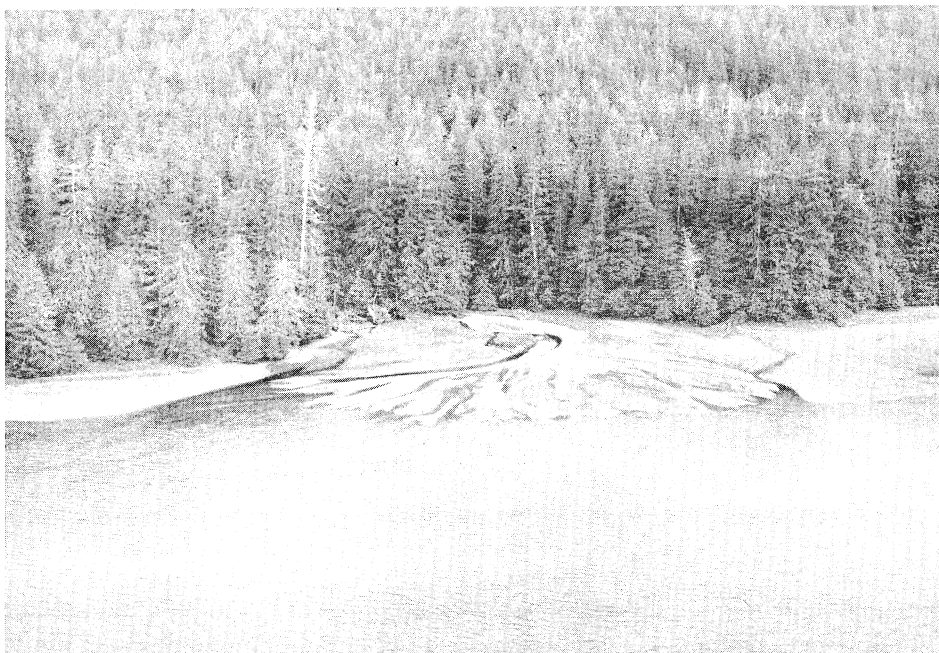
Temperature: 53°

Number: 104-10-35

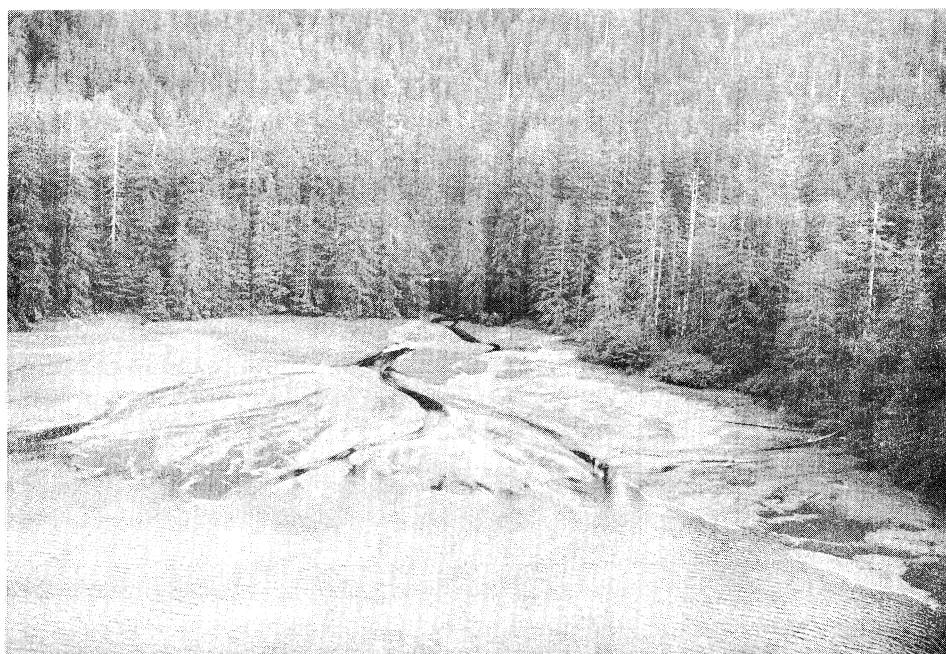
Weather: Overcast

[illegible]

General Remarks (rehab., land use, barriers, log jams, etc.):



LEFT HEAD
SEA OTTER HARBOR



RIGHT HEAD
SEA OTTER HARBOR
HOOK ARM

Sea Otter Harbor
Right Head of Hook Arm
104-20-05
7-20-74
Downey

A very nice small stream
with some excellent riffles
and gravel. Good pools and
rearing area. Saw several
unidentified fry in pools --
not coho or Dolly Varden --

Gravel is 2" - 4"

Very brushy banks, almost
cover the stream near the
upper end.

A few old fish bones on
the banks -- bear trail
also.

Stream banks stable and has
flat gradient.

Should be normal to low flow.

Stopped 300 yds. above I.T.
Stream gets small but continues
on.

3' wide, 6" deep.

Two large trees across
stream. No block but are
difficult to get around.

5' wide, 6" deep

8' wide, 4" - 6" deep

Good larger size
flats. 500 yds.
wide.

Name Sea Otter Hbr. - Hook Arm Catalog No. 104-20-05
Latitude 55° 07' 15" WR No. _____
Longitude 133° 06' 47" K No. _____
Geodetic Map No. Craig A-4 Work Area Ketchikan
Location West Coast Dall Island Watershed Length 3/4 mile
Drainage Area of Watershed _____
Water Supply Type Springs, precipitation.

Trails & Survey Routes Very brushy banks, walk in the stream.

Aerial Survey Notes Too small and brushy above the intertidal zone to survey by air.

Anchorage Refer to navigation chart #8148 and the Alaska Coast Pilot. Anchorage is behind Channel Island or at the head of the bay.

Tide Stage When Surveyed Low tide.

FISHERY RESOURCES

Commercial Fisheries Should be pink, chum and coho.

Escapement 300 chums at the mouth on 8-27-71.

Available spawning area - 209 M²

Species Composition Unknown

Timing Would be late.

Schooling areas Off the mouth and pools within the stream.

Shellfish Potential Clams in the I.T. area. Abalone in the adjacent area. Set 2 crab pots catching a dozen shrimp in 15 fathoms - no crab.

Sport Fisheries Unknown, but would be limited due to small size of the stream.

Land Use at Present None

History of Land Use None

Rehabilitation Potential None - too small and appears to be o.k. as is.

Soils Flat gradient and stream banks were stable to the point where I stopped walking.

GAME RESOURCES

| | | |
|--------------|---|-----------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | <u>10</u> |
| | Number of droppings | <u>0</u> |
| Geese ----- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mallards --- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mergansers - | Number of broods seen | <u>0</u> |
| Bald Eagles- | Number seen along creek | <u>0</u> |
| | Number of nests seen and location | <u>0</u> |
| Seals ----- | Number seen at mouth of stream | <u>2</u> |
| Tide flats - | Estimate length along beach | <u>-</u> |
| | Estimate depth out from beach | <u>-</u> |
| | Eel grass present on what percent of flats | <u>-</u> |

Observers: Downey

Observers: Downey

Date: 7-20-74

Name: Head Hook (Dall)

Temperature: _____

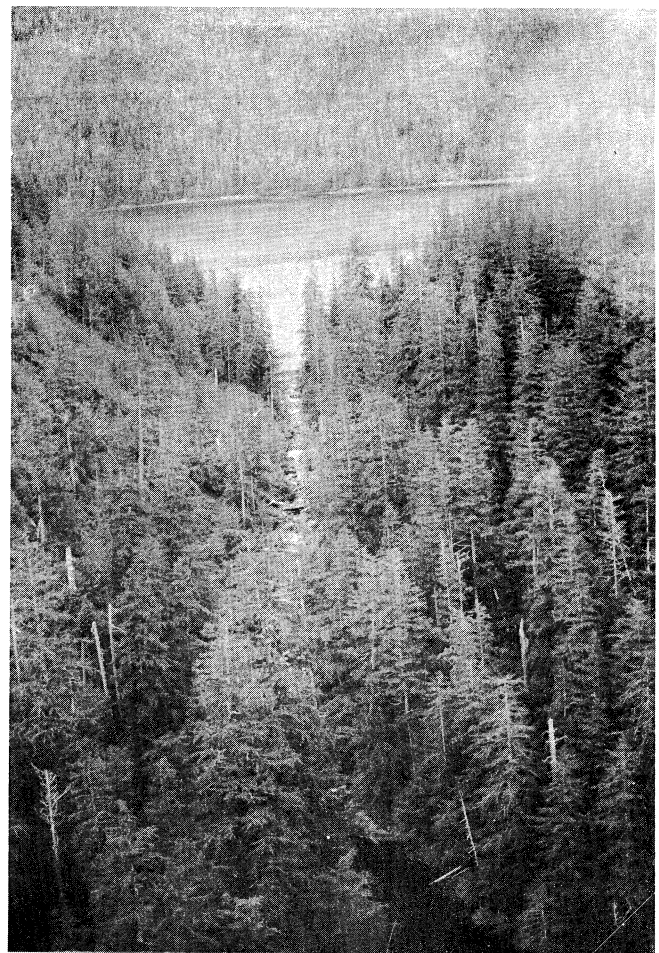
Number: 104-20-05

[illegible]

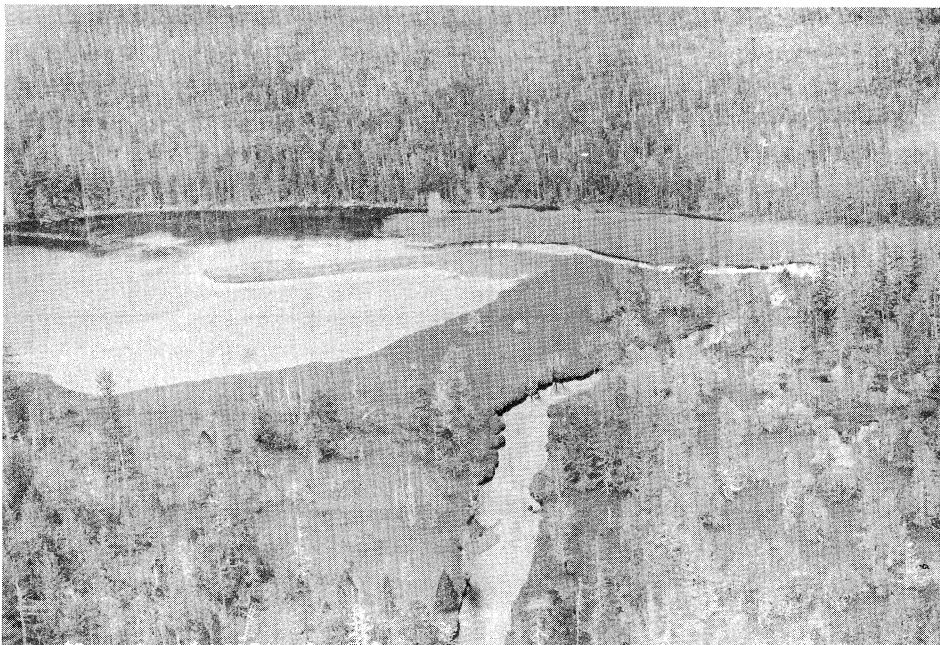
General Remarks (rehab., land use, barriers, log jams, etc.):



104-20-10



Drainage from lake
into Manhattan Arm



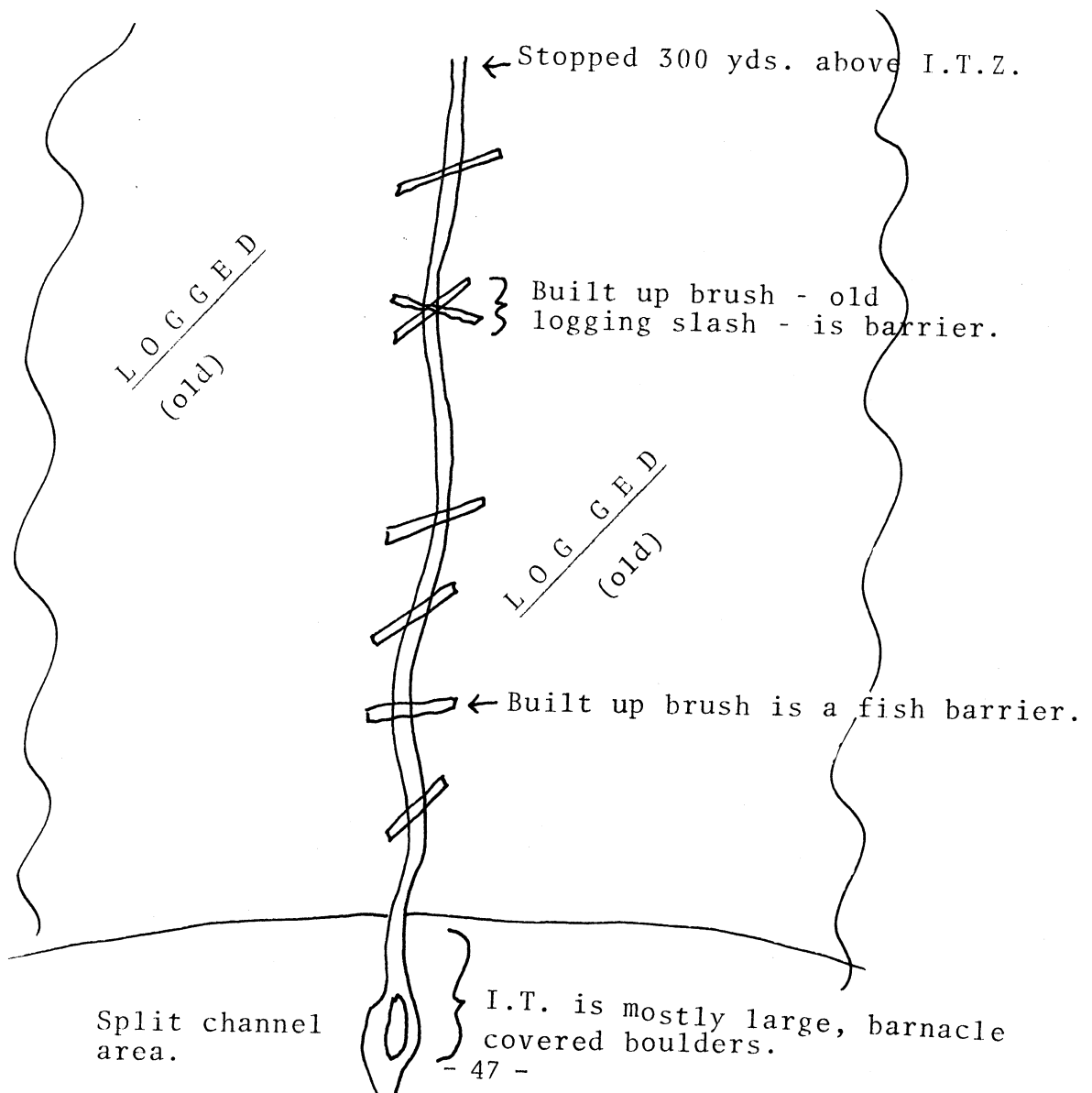
Inlet to Lake

Sea Otter Harbor
Manhattan Arm
'Drains Manhattan Lake'
104-20-10
7-20-74
Downey

Mostly large boulders and bedrock. Moderately steep
gradient. Not much good gravel.

Much slash and debris in the stream.

10% available spawning area.



Name Sea Otter Hbr. - Manhattan Arm Catalog No. 104-20-10
 Latitude 55° 05' 53" WR No. _____
 Longitude 133° 08' 28" K No. _____
 Geodetic Map No. Craig A-4 Work Area Ketchikan
 Location West Coast of Dall Island Watershed Length 1/4 mile
 Drainage Area of Watershed _____
 Water Supply Type Lake.

Trails & Survey Routes Very difficult to walk due to large slippery boulders, gradient, and debris in the stream. Walk in the stream.
 Aerial Survey Notes Both sides of the stream have been logged so it could be aerial surveyed.
 Anchorage Refer to navigation chart #8148 and the Alaska Coast Pilot. There appears to be an anchorage off the mouth of Manhattan Creek.
 Tide Stage When Surveyed 1/3 tide and ebbing.

FISHERY RESOURCES

Commercial Fisheries Unknown - possibly all species except king salmon.
 Escapement 2500 at mouth on 8-27-70: This survey has mistakenly been previously recorded to stream 104-20-18 (which does not exist.)
 Available spawning area - 18 M² (to 1st barrier).
 Species composition - Unknown
 Timing Would be late.
 Schooling areas Off the mouth or pools within the stream.
 Shellfish Potential Poor - too rocky. Abalone in the adjacent area.
 Sport Fisheries Unknown. This is a larger system and if the fish blocks were removed it could have some potential.
 Land Use at Present None
 History of Land Use Both sides of the stream are logged to as far up as I walked.
 Rehabilitation Potential I wasn't very impressed with the available spawning area on the portion I surveyed, however, fish blocks could be
 Soils Moderately steep gradient and soils semi-stable /removed. particularly in logged area.

GAME RESOURCES

| | | |
|---------------|---|---|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | 0 |
| | Number of droppings | 0 |
| Geese ----- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mallards ---- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mergansers - | Number of broods seen | 0 |
| Bald Eagles- | Number seen along creek | 0 |
| | Number of nests seen and location | 0 |
| Seals ----- | Number seen at mouth of stream | 0 |
| Tide flats - | Estimate length along beach | - |
| | Estimate depth out from beach | - |
| | Eel grass present on what percent of flats | - |

1

Author's address: marco@cs.cmu.edu

1

[illegible]

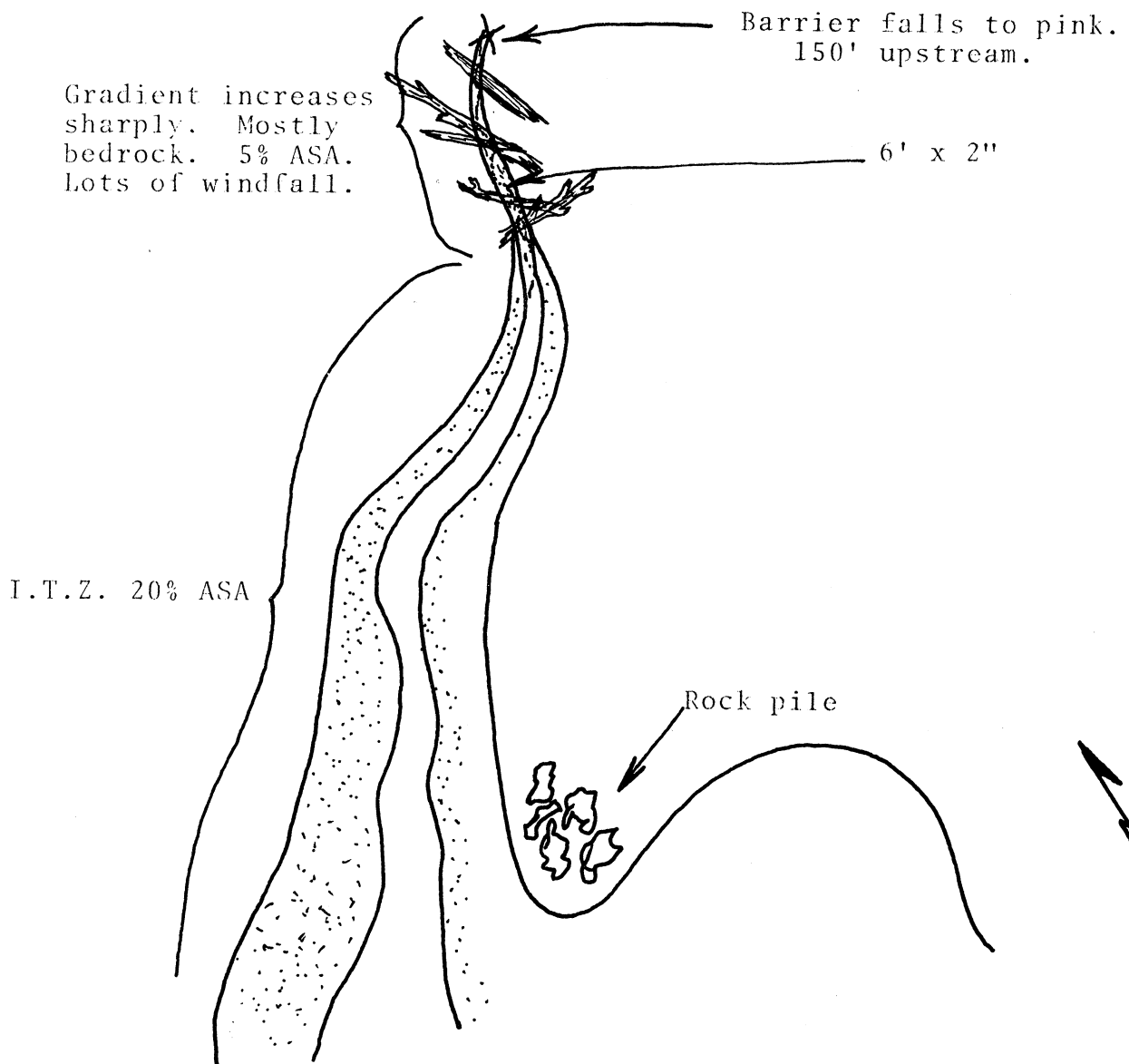
General Remarks (rehab., land use, barriers, log jams, etc.):



MOUTH OF SAKIE BAY
CREEK - LEFT HEAD



Sakie Bay - Left Head
104-20-15
7-19-74
Joyner



Name Sakie Bay - Left Head Catalog No. 104-20-15
Latitude N 55° 03' 33" WR No. _____
Longitude W 133° 10' 10" K No. _____
Geodetic Map No. Craig A-4 Work Area Ketchikan
Location W. Coast Dall Island Watershed Length _____
Drainage Area of Watershed _____
Water Supply Type Precipitation

Trails & Survey Routes None

Aerial Survey Notes Bottom dark and stream narrow.

Anchorage None in Bay.

Tide Stage When Surveyed 3/4 high and flooding.

FISHERY RESOURCES

Commercial Fisheries _____

Escapement _____

Available spawning area - 33 M²

Species Composition _____

Timing _____

Schooling areas _____

Shellfish Potential _____

Sport Fisheries _____

Land Use at Present None

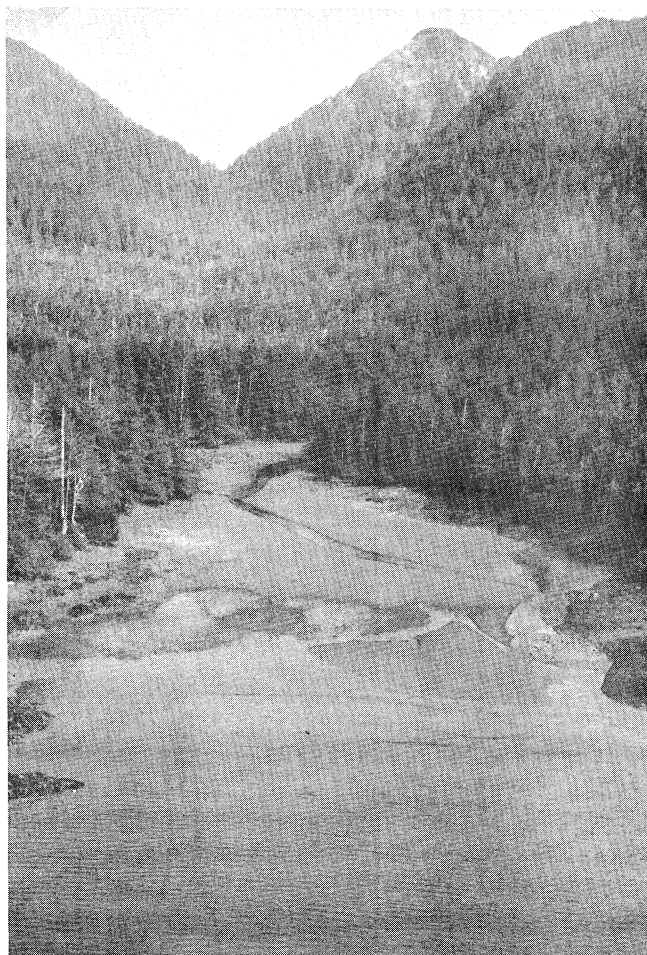
History of Land Use None

Rehabilitation Potential _____

Soils Bedrock - stable.

GAME RESOURCES

| | | |
|---------------|---|----------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | <u>0</u> |
| | Number of droppings | <u>0</u> |
| Geese ----- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mallards ---- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mergansers - | Number of broods seen | <u>0</u> |
| Bald Eagles- | Number seen along creek | <u>0</u> |
| | Number of nests seen and location | <u>0</u> |
| Seals ----- | Number seen at mouth of stream | <u>0</u> |
| Tide flats - | Estimate length along beach | <u>0</u> |
| | Estimate depth out from beach | <u>0</u> |
| | Eel grass present on what percent of flats | <u>0</u> |



SAKIE BAY - RIGHT

Sakie Bay
104-20-20
7-19-74
Joyner

3/8 mile. Still
looks good.

Gravel bars

Really a good looking stream.
Excellent gravel with about 60%
ASA overall. Observed some fry,
can't identify species. Banks
are flat and stable. Good game
trail as far up as I went.

Observed deer tracks entire length.

fry
here.

Log jam
Pool-riffle-pool-riffle
from here on up.

2' falls
no barrier

Bedrock stepping
rapids.

20' X 6"

Station #1

I.T. has about 80% avail-
able spawning area.

2" to 6" grade.



Name Sakie Creek - Rt. Head Catalog No. 104-20-20
Latitude N 55° 03' 14" WR No. -
Longitude W133° 10' 00" K No. -
Geodetic Map No. Craig - A-4 Work Area Ketchikan
Location W. Coast Dall Island Watershed Length -
Drainage Area of Watershed -
Water Supply Type Precipitation

Trails & Survey Routes Good game trail on north side of stream.

Aerial Survey Notes Aerial survey should be no problem.

Anchorage None in Bay

Tide Stage When Surveyed 3/4 high and flooding

FISHERY RESOURCES

Commercial Fisheries -

Escapement Available spawning area - 2,207 M²

Species Composition Available to pink, chum, and coho salmon.

Timing No record.

Schooling areas -

Shellfish Potential Clams and dungeness crab.

Sport Fisheries Cutthroat and Dolly Varden

Land Use at Present None

History of Land Use None

Rehabilitation Potential None needed.

Soils Stable

GAME RESOURCES

| | | |
|--------------|---|-----|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | 0 |
| | Number of droppings | 0 |
| Geese ----- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mallards --- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mergansers - | Number of broods seen | 0 |
| Bald Eagles- | Number seen along creek | 0 |
| | Number of nests seen and location | 0 |
| Seals ----- | Number seen at mouth of stream | 0 |
| Tide flats - | Estimate length along beach | - |
| | Estimate depth out from beach | - |
| | Eel grass present on what percent of flats | 15% |

Observers: Joyner

Date: ~~7-19-74~~Temperature: 60°

Weather: Clear.

Name: Sakie Bay

Number: 104-20-20

[illegible]

General Remarks (rehab., land use, barriers, log jams, etc.):



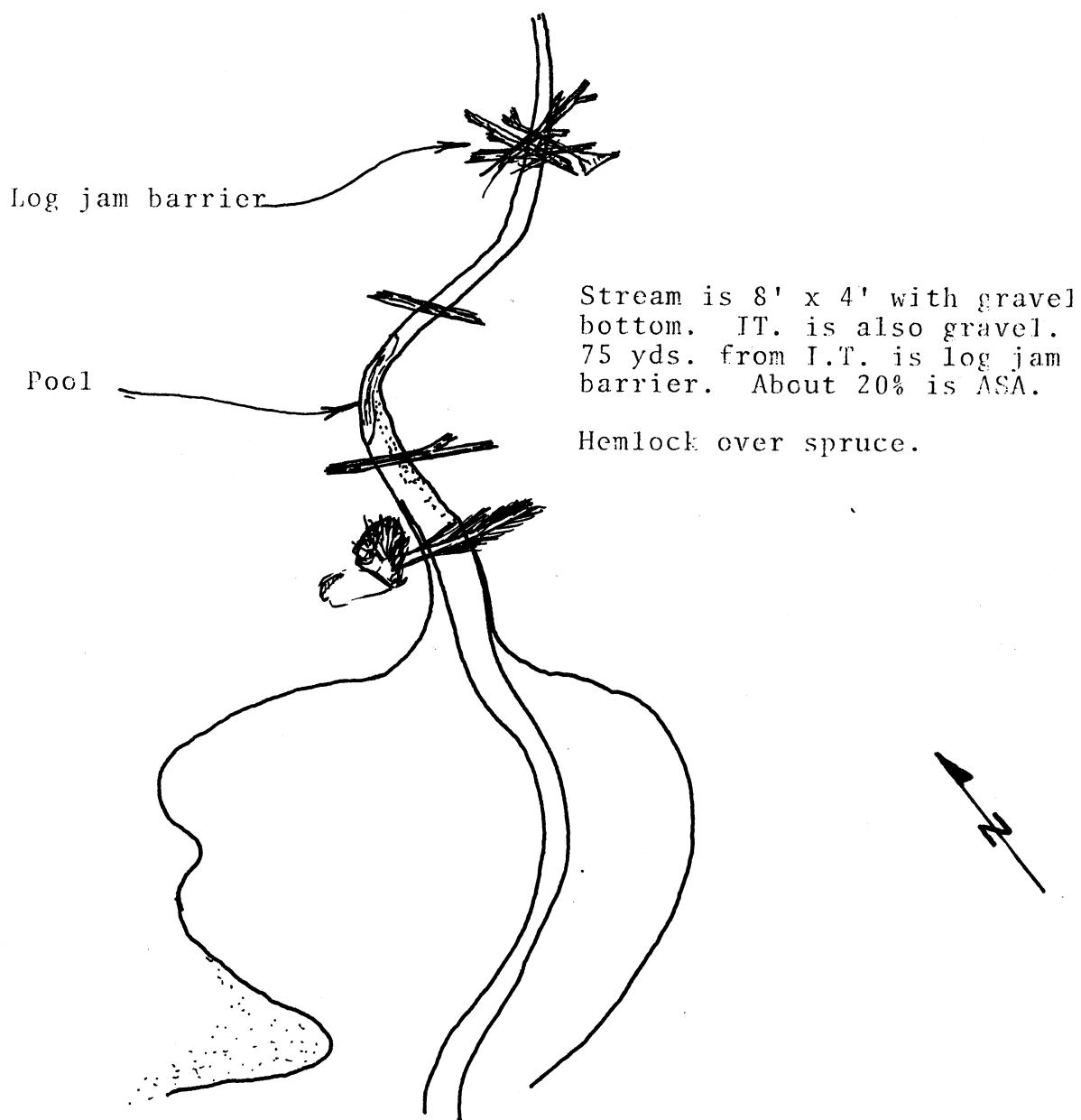
FISHERMANS COVE CRK.

Fishermans Cove Creek

104-20-25

Joyner

7-19-74



Name Fishermans Cove Creek Catalog No. 104-20-25
 Latitude N 55° 01' 50" WR No. _____
 Longitude W 133° 09' 25" K No. _____
 Geodetic Map No. Craig - A-4 Work Area Ketchikan
 Location W. Coast Dall Island Watershed Length _____
 Drainage Area of Watershed _____
 Water Supply Type Runoff

Trails & Survey Routes None

Aerial Survey Notes Aerial survey may not be possible due to canopy.

Anchorage None in cove.

Tide Stage When Surveyed Slack, high tide.

FISHERY RESOURCES

Commercial Fisheries Available to pink, chum, and coho salmon.

Escapement _____

Available spawning area - 33 M²

Species Composition Pinks and coho

Timing No record

Schooling areas No record

Shellfish Potential Very little, cobble stone I.T.

Sport Fisheries _____

Land Use at Present None

History of Land Use None

Rehabilitation Potential Good, log jam needs to be removed.

Soils Banks stable.

GAME RESOURCES

| | | |
|--------------|---|----------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | 0 |
| | Number of droppings | 0 |
| Geese ----- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mallards --- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mergansers - | Number of broods seen | 0 |
| Bald Eagles- | Number seen along creek | 0 |
| | Number of nests seen and location | 0 |
| Seals ----- | Number seen at mouth of stream | 0 |
| Tide flats - | Estimate length along beach | 150 yds. |
| | Estimate depth out from beach | - |
| | Eel grass present on what percent of flats | 0% |



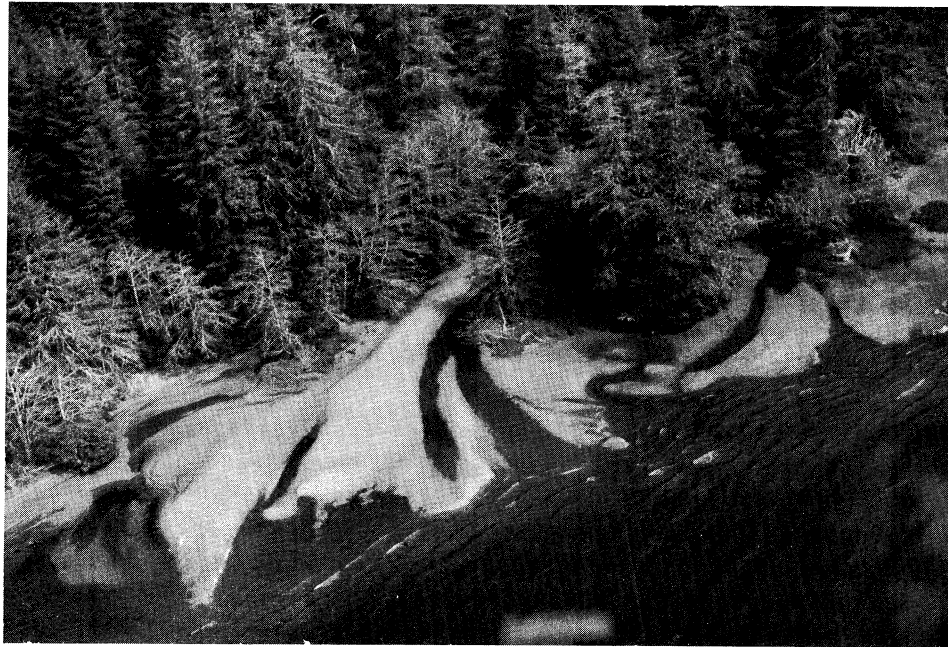
Mouth of DEVIL's LAKE
Saltwater in back-
ground.



DEVIL's LAKE Head

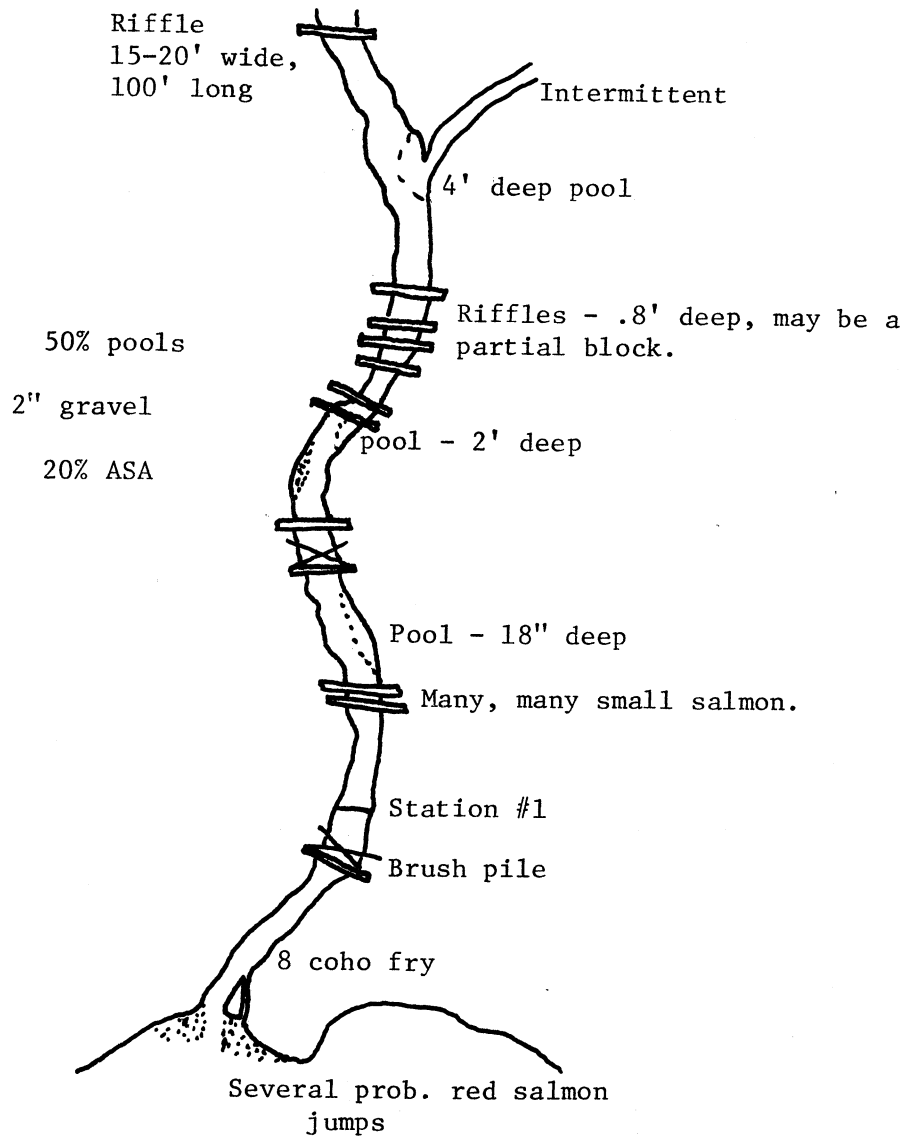


Mouth of Little Devils
Lake stream in Devils
Lake.



Mouth of
Devil's Lake
head stream

Devil's Lake Head Stream
104-20-30
Novak, Downey, R. Larson
8-10-75



Observers: Novak, Downey, R. Larson

Temperature: 52°

Weather: Overcast.

Number: 104-20-30

| | |
|-----------------------------|--|
| Station No. | |
| Pool Size/Type | |
| Rifle Type | |
| Width-Depth | |
| Pool Rifle Frequency | |
| Bottom Type (Rifle) | |
| Color/Turbidity | |
| Velocity | |
| Flow (C.F.S.) | |
| Temp. (°F.) | |
| pH | |
| Fry Abundance | |
| Benthos | |
| Sample No. | |
| Higher Plant Class | |
| Aquatic Veg. Density Ident. | |
| (1) Mosses | |
| (2) Algae | |

General Remarks (rehab., land use, barriers, log jams, etc.):

Name Devil's Lake Head Stream Catalog No. 104-20-30
 Latitude N 55° 00' 26" (for system) WR No. None
 Longitude W 133° 03' 55" (for system) K No. None
 Geodetic Map No. Craig A-4 Work Area Ketchikan
 Location W. coast Dall Is. Devils Lake Head Watershed Length 1.75 miles
 Drainage Area of Watershed 2.25 square miles
 Water Supply Type Precipitation

Trails & Survey Routes Stream is relatively easy to walk in normal water levels.

Aerial Survey Notes May be able to see fish on delta but stream itself is too small with too much overhead cover.

Anchorage Stream empties into lake.

Tide Stage When Surveyed HIGH

FISHERY RESOURCES

Commercial Fisheries Many fry seen in creek. Several salmon jumps off stream mouth in lake - probably sockeye. Should be utilized by pinks, sockeye and coho.

Escapement Past escapements unknown.

Available spawning area - 724 M²

Species Composition Unknown. Evidence of sockeye adults and coho fry.

Timing Middle - Late

Schooling areas Several jumps observed immediately SE of stream mouth.

Shellfish Potential none

Sport Fisheries Several trout seen - could be good.

Land Use at Present None

History of Land Use Unknown

Rehabilitation Potential No rehab. needed to increase fisheries production.

Soils Landforms steep at upper end, some downstream gravel transport evident but generally stable banks.

GAME RESOURCES

| | | |
|---------------|---|----------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | <u>0</u> |
| | Number of droppings | <u>0</u> |
| Geese ----- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mallards ---- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mergansers - | Number of broods seen | <u>0</u> |
| Bald Eagles- | Number seen along creek | <u>0</u> |
| | Number of nests seen and location | <u>0</u> |
| Seals ----- | Number seen at mouth of stream | <u>0</u> |
| Tide flats - | Estimate length along beach | <u>0</u> |
| | Estimate depth out from beach | <u>0</u> |
| | Eel grass present on what percent of flats | <u>0</u> |

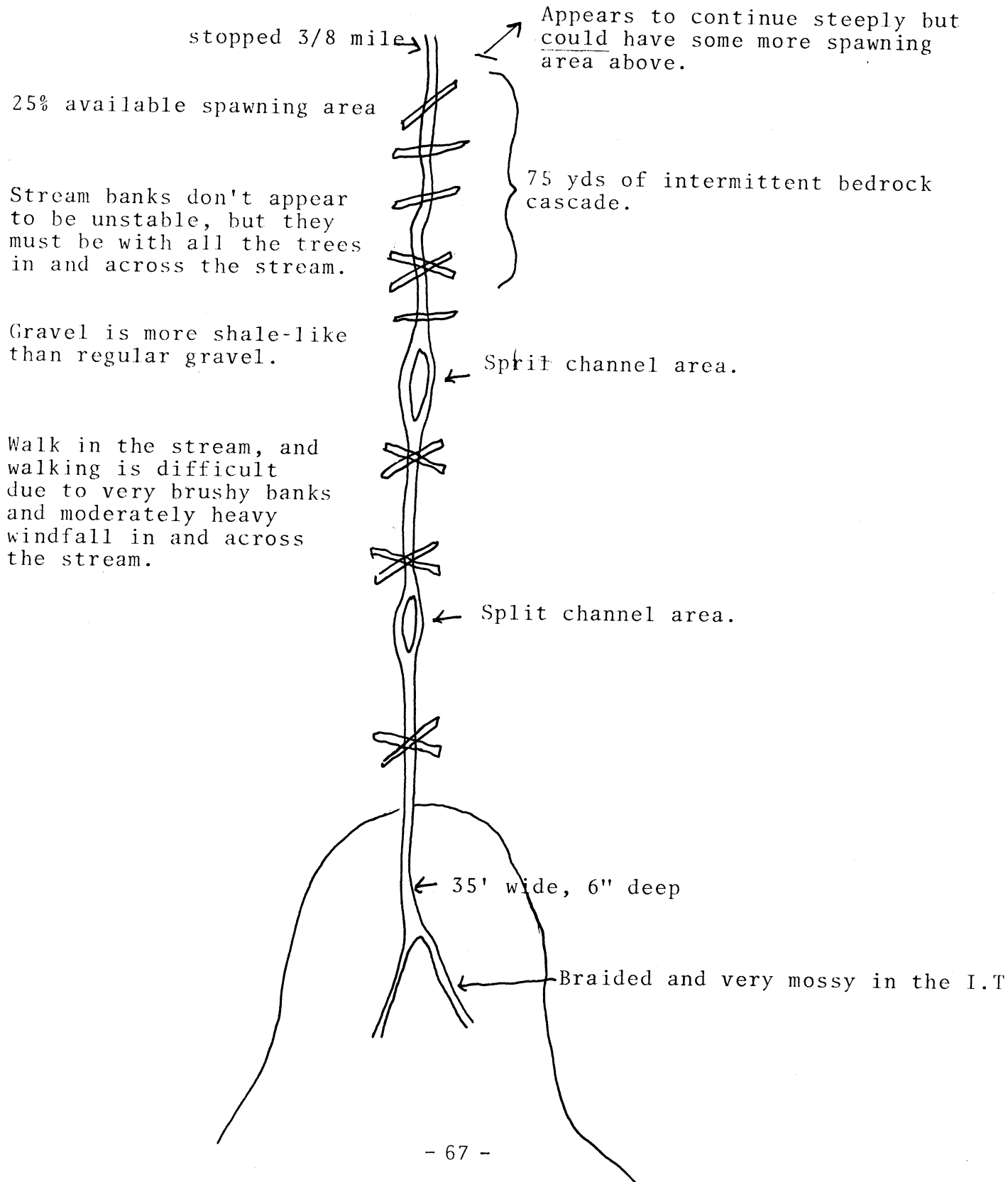


Mouth of
Welcome Lake



Drainage out of
Welcome Lake

Welcome Cove
104-20-35
7-20-74
Downey



Name Welcome Cove Catalog No. 104-20-35
 Latitude 54° 58' 46" WR No. _____
 Longitude 133° 08' 44" K No. _____
 Geodetic Map No. Dixon Ent. D-4 Work Area Ketchikan
 Location West Coast Dall Island Watershed Length 2 miles
 Drainage Area of Watershed _____
 Water Supply Type Lake

Trails & Survey Routes Walk in the stream and walking is difficult due to very brushy banks and moderately heavy windfall in and across the stream.

Aerial Survey Notes Too small and brushy above the intertidal zone to aerial survey.

Anchorage No anchorage here, run to the head of Waterfall Bay. Refer to navigation chart #8148 and the Alaska Coast Pilot.

Tide Stage When Surveyed 2/3 out and ebbing.

FISHERY RESOURCES

Commercial Fisheries Unknown

Escapement Unknown

Available spawning area - 1,149 M²

Species Composition Unknown

Timing Would be late.

Schooling areas Off the mouth and pools within the stream.

Shellfish Potential Clams in the intertidal area and abalone in the adjacent area.

Sport Fisheries Unknown - not a very big stream so is probably limited except for the lake system.

Land Use at Present None

History of Land Use None

Rehabilitation Potential None - moderate debris in and across the stream but no barriers.

Soils Stream banks don't appear to be unstable but they must be with all the trees in and across the stream.

GAME RESOURCES

| | | |
|--------------|---|---|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | 0 |
| | Number of droppings | 0 |
| Geese ----- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mallards --- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mergansers - | Number of broods seen | 0 |
| Bald Eagles- | Number seen along creek | 0 |
| | Number of nests seen and location | 0 |
| Seals ----- | Number seen at mouth of stream | 0 |
| Tide flats - | Estimate length along beach | - |
| | Estimate depth out from beach | - |
| | Eel grass present on what percent of flats | - |

Observers: Downey.

Observers: Downey.

Date: 7-20-74

Temperature:

Weather: Overcast

Name: Welcome Cove

Number: 104-20-35

[illegible]

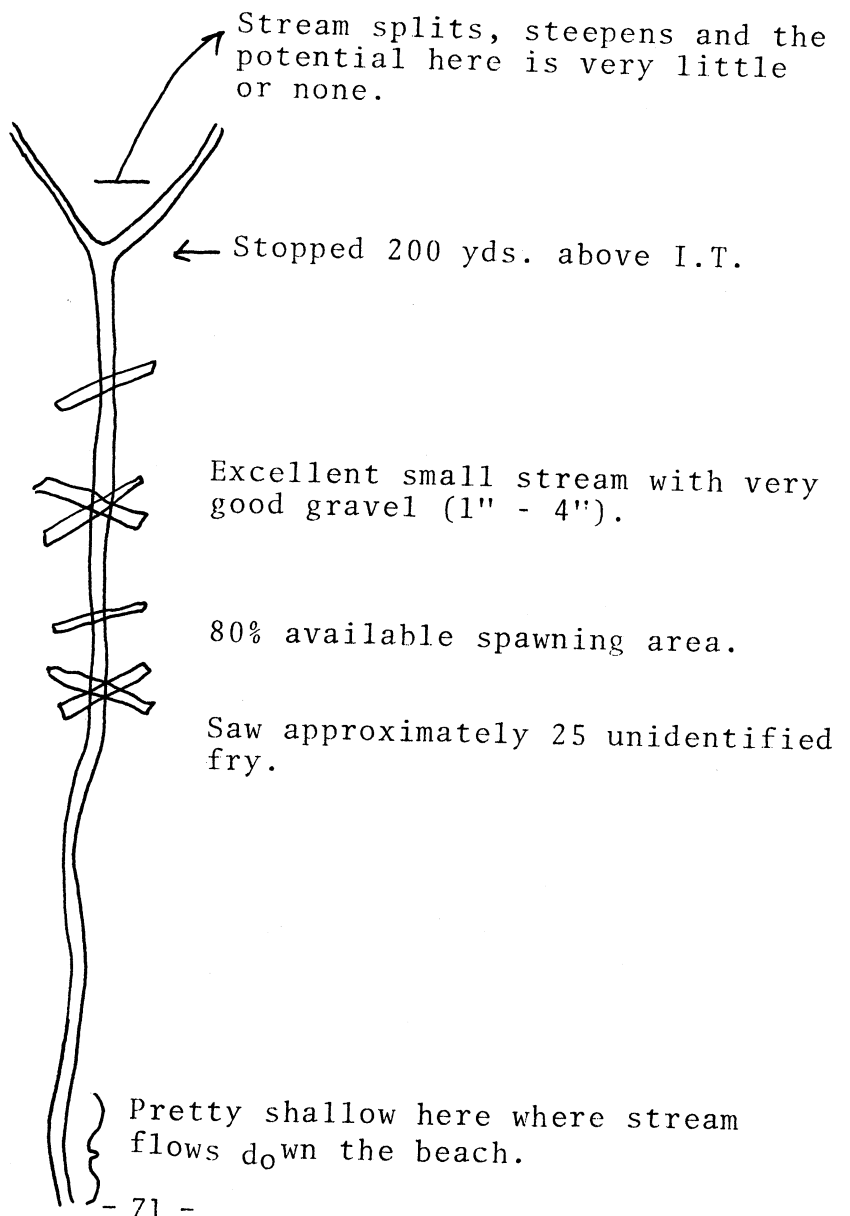
General Remarks (rehab., land use, barriers, log jams, etc.):



Augustine Cove Cr.

Augustine Bay
104-20-40
7-20-74
Downey

Moderate amount of
logs after the first
100 yards.



Name Augustine Cove Catalog No. 104-20-40
Latitude 54° 57' 43" WR No. _____
Longitude 133° 08' 22" K No. _____
Geodetic Map No. Dixon Ent. D-4 Work Area Ketchikan
Location West Coast of Dall Island Watershed Length 1 mile
Drainage Area of Watershed _____
Water Supply Type Springs, precipitation.

Trails & Survey Routes Walk in the stream or along stream banks.

Aerial Survey Notes Too small to survey any but the intertidal zone by air.

Anchorage No anchorage here, run to the head of Waterfall Bay. Refer to navigation chart #8148 and the Alaska Coast Pilot.

Tide Stage When Surveyed Low tide.

FISHERY RESOURCES

Commercial Fisheries Unknown

Escapement Unknown

Available spawning area - 312 M²

Species Composition Unknown

Timing Would be late.

Schooling areas Off the mouth.

Shellfish Potential Rocky I.T. zone. Should be abalone in the adjacent area.

Sport Fisheries Unknown, but due to small size of the stream the potential would be limited.

Land Use at Present None

History of Land Use None

Rehabilitation Potential None - too small

Soils Stable to the point I stopped walking.

GAME RESOURCES

| | | |
|--------------|---|-------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | 0 |
| | Number of droppings | 0 |
| Geese ----- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mallards --- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mergansers - | Number of broods seen | 0 |
| Bald Eagles- | Number seen along creek | 0 |
| | Number of nests seen and location | 0 |
| Seals ----- | Number seen at mouth of stream | 0 |
| Tide flats - | Estimate length along beach | rocky |
| | Estimate depth out from beach | " |
| | Eel grass present on what percent of flats | " |



Mouth of
Gooseneck Harbor



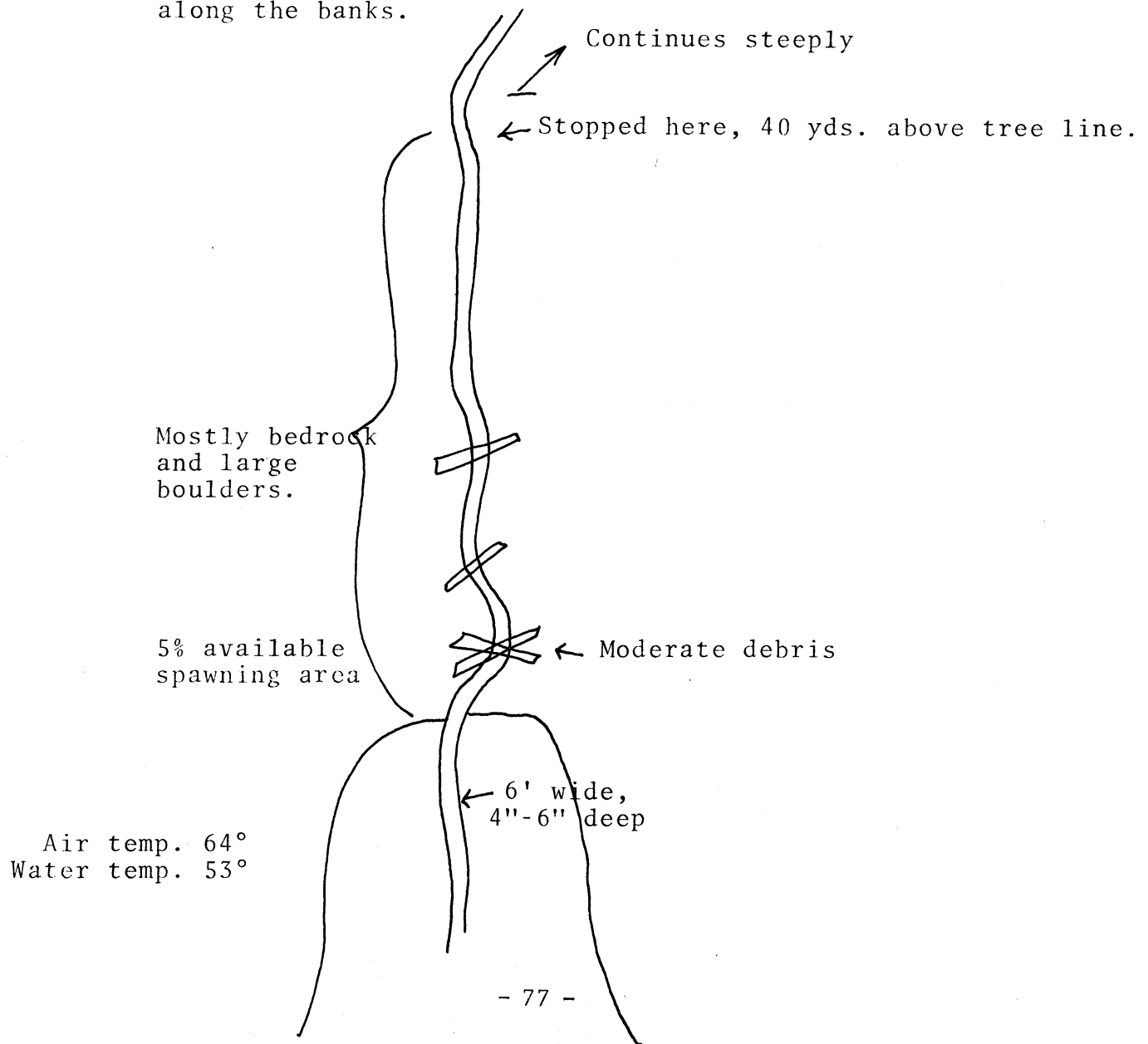


Gooseneck Harbor
Head

Gooseneck Harbor - Head
104-20-52
7-21-74
Downey

This stream composed mostly of large boulders and bedrock,
however, there is a little limited area where fish could
spawn.

Poor stunted timber
along the banks.



Air temp. 64°
Water temp. 53°

Name Gooseneck Harbor - Head Catalog No. 104-20-52
 Latitude 54° 54' 08" WR No. _____
 Longitude 132° 59' 52" K No. _____
 Geodetic Map No. Dixon Ent. D-3 Work Area Ketchikan
 Location West coast Dall Island Watershed Length Not shown on charts.
 Drainage Area of Watershed _____
 Water Supply Type Springs, precipitation.

Trails & Survey Routes Small stream - walked in the stream or on the stream banks.

Aerial Survey Notes Too small to survey any but the I.T.Z.

Anchorage Refer to navigation chart #8148 and the Alaska Coast Pilot. There's a good anchorage in 7 fathoms inside the bay.

Tide Stage When Surveyed 1/2 tide and flooding.

FISHERY RESOURCES

Commercial Fisheries Unknown

Escapement Unknown

Available spawning area - 3 M²

Species Composition Unknown

Timing Late

Schooling areas Off the mouth

Shellfish Potential Poor - too rocky for anything except abalone in the adjacent area.

Sport Fisheries Unknown - but too small for any potential.

Land Use at Present None

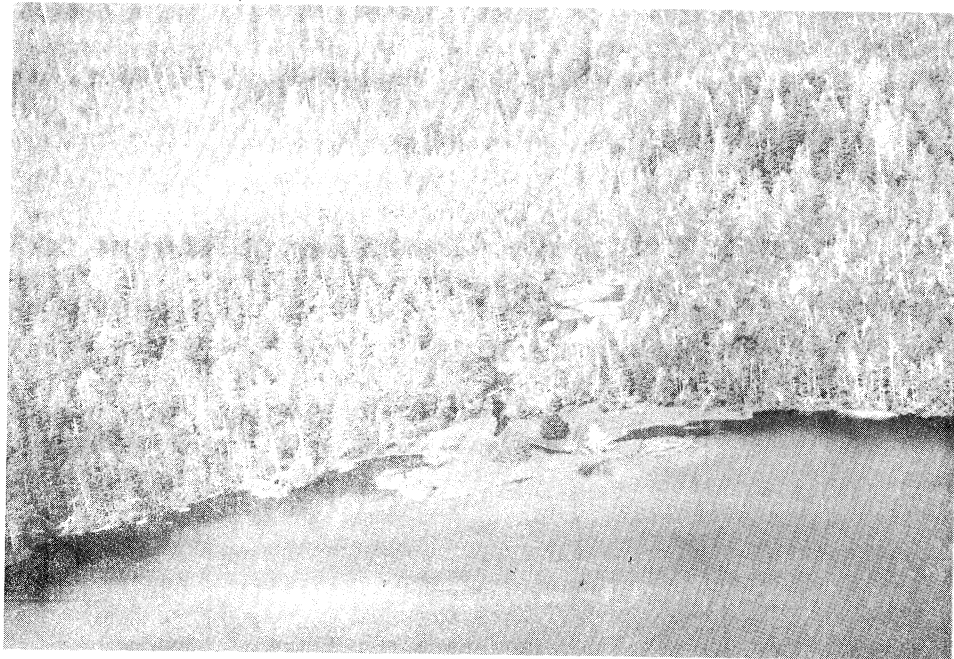
History of Land Use None

Rehabilitation Potential None - too small

Soils Stable to the point I stopped walking.

GAME RESOURCES

| | | |
|---------------|---|-------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | 0 |
| | Number of droppings | 0 |
| Geese ----- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mallards --- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mergansers - | Number of broods seen | 0 |
| Bald Eagles-- | Number seen along creek | 0 |
| | Number of nests seen and location | 0 |
| Seals ----- | Number seen at mouth of stream | 0 |
| Tide flats - | Estimate length along beach | rocky |
| | Estimate depth out from beach | " |
| | Eel grass present on what percent of flats | " |



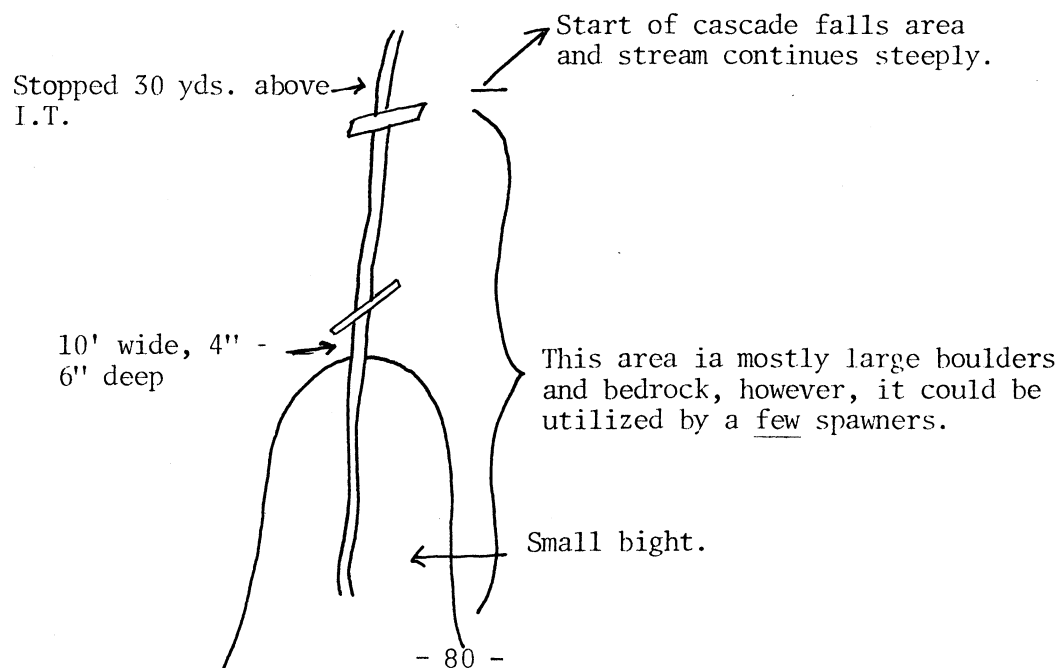
Gooseneck Harbor
Head of Lake
above stream.

Gooseneck Harbor - Right Head
104-20-54
7-21-74
Downey

Water level normal.

Poor timber along the stream.

5% available spawning area.



Name Gooseneck Harbor Catalog No. 104-20-54 (assigned)
 Latitude 54° 54' 01" WR No. _____
 Longitude 132° 59' 46" K No. _____
 Geodetic Map No. Dixon Ent. D-3 Work Area Ketchikan
 Location West Coast Dall Island Watershed Length _____
 Drainage Area of Watershed _____
 Water Supply Type Lake.

Trails & Survey Routes Small stream - walk in the stream or on the banks.

Aerial Survey Notes Too small to survey any but the I.T.Z. by air.

Anchorage Refer to navigation chart #8148 and the Alaska Coast Pilot.
There's a fair anchorage in 7 fathoms inside the bay.

Tide Stage When Surveyed 1/2 tide and flooding.

FISHERY RESOURCES

Commercial Fisheries Unknown

Escapement Unknown

Available spawning area - 4 M²

Species Composition Unknown

Timing Late

Schooling areas Off the mouth

Shellfish Potential Poor, too rocky for anything except abalone in the adjacent area.

Sport Fisheries Unknown, but would be non-existent: too small.

Land Use at Present None

History of Land Use None

Rehabilitation Potential None - too small.

Soils Stable to the point I stopped walking.

GAME RESOURCES

| | | |
|---------------|---|-------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | 0 |
| | Number of droppings | 0 |
| Geese ----- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mallards ---- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mergansers - | Number of broods seen | 0 |
| Bald Eagles- | Number seen along creek | 0 |
| | Number of nests seen and location | 0 |
| Seals ----- | Number seen at mouth of stream | 0 |
| Tide flats - | Estimate length along beach | rocky |
| | Estimate depth out from beach | " |
| | Eel grass present on what percent of flats | " |

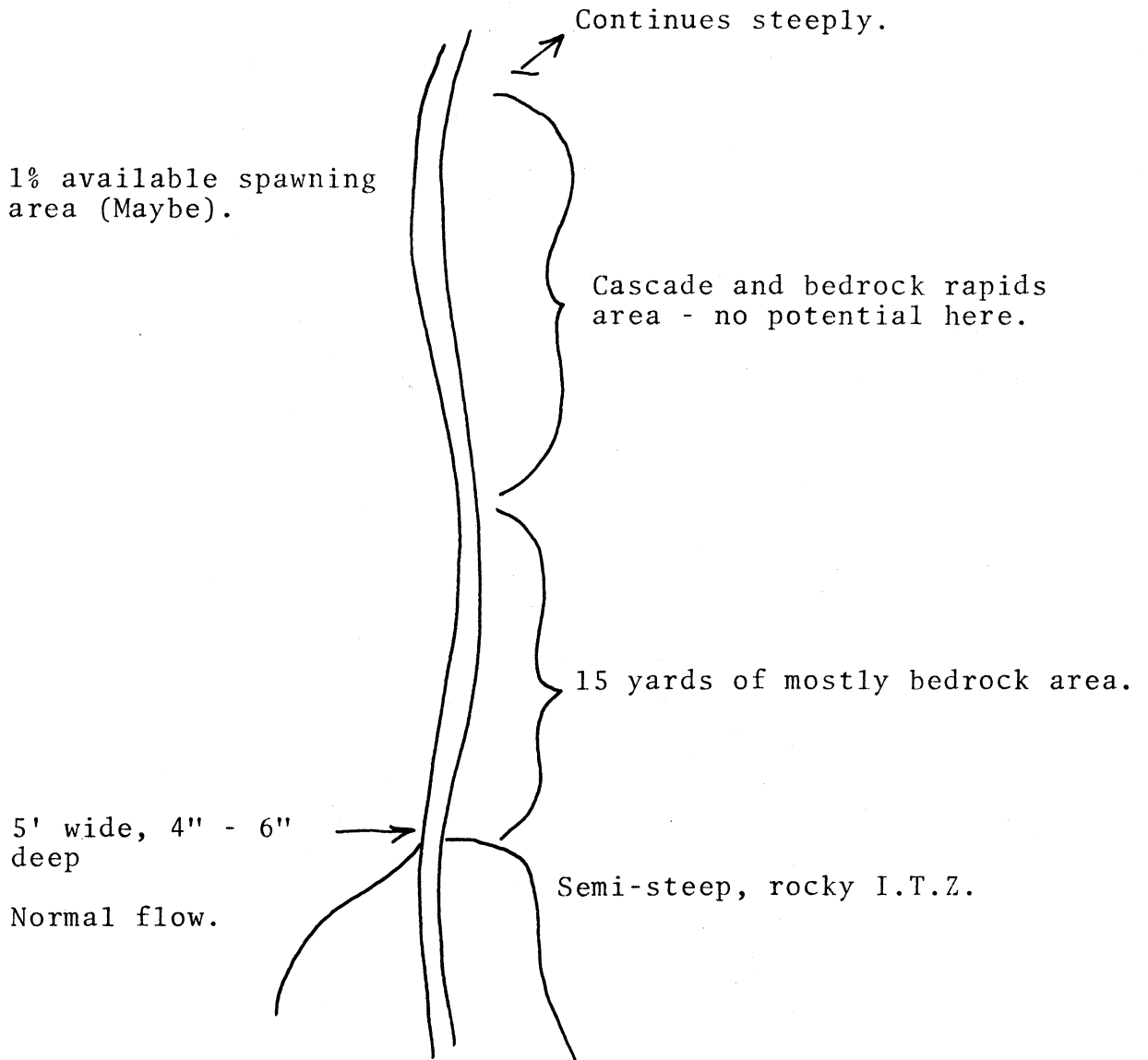


Gooseneck Bay

Gooseneck Bay
104-20-55
7-21-74
Downey

I can't really see why this is a cataloged stream. The potential here is almost nil with the possibility that one pair of salmon might spawn here.

Stunted poor timber in this area.



Name Gooseneck Harbor Catalog No. 104-20-55
 Latitude 54° 53' 14" WR No. _____
 Longitude 133° 00' 06" K No. _____
 Geodetic Map No. Dixon Ent. D-4 Work Area Ketchikan
 Location West Coast of Dall Island. Watershed Length Not shown on charts.
 Drainage Area of Watershed _____
 Water Supply Type Springs, precipitation.

Trails & Survey Routes Small stream - only goes a short distance above the intertidal zone. Walk in the stream.
 Aerial Survey Notes Too small to survey any but the intertidal zone by air.
 Anchorage Refer to navigation chart #8148 and the Alaska Coast Pilot. There's a fair anchorage in 7 fathoms inside the bay.
 Tide Stage When Surveyed 3/4 tide and flooding.

FISHERY RESOURCES

Commercial Fisheries Unknown

Escapement Unknown - it was surveyed once on 8-27-70 with no fish observed. Available spawning area - 6 M²

Species Composition Unknown

Timing Would be late.

Schooling areas Off the mouth.

Shellfish Potential Too rocky. There are abalone in the adjacent area.

Sport Fisheries Unknown - but would be very poor or non-existent : too small.

Land Use at Present None

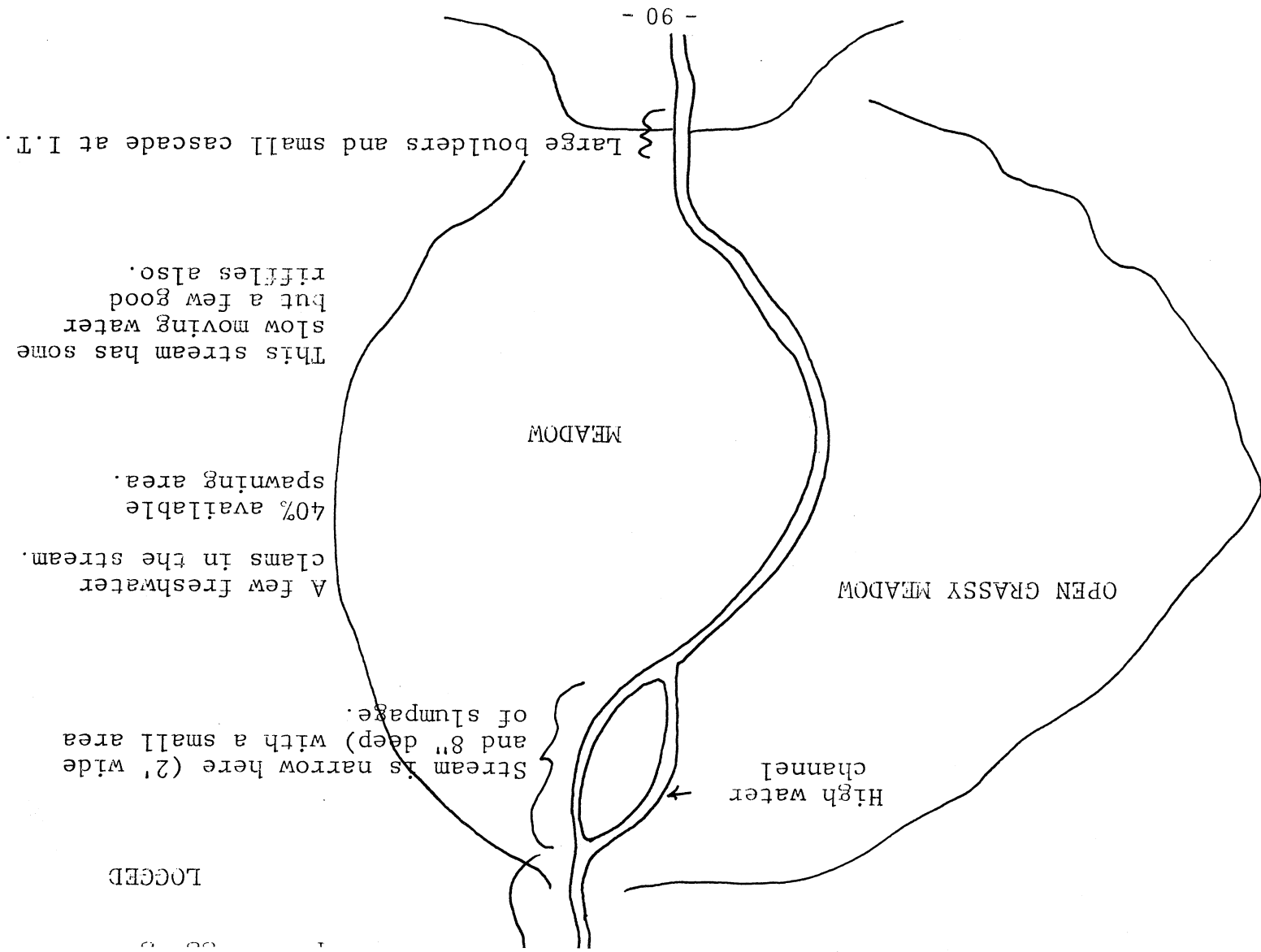
History of Land Use None

Rehabilitation Potential None - too small.

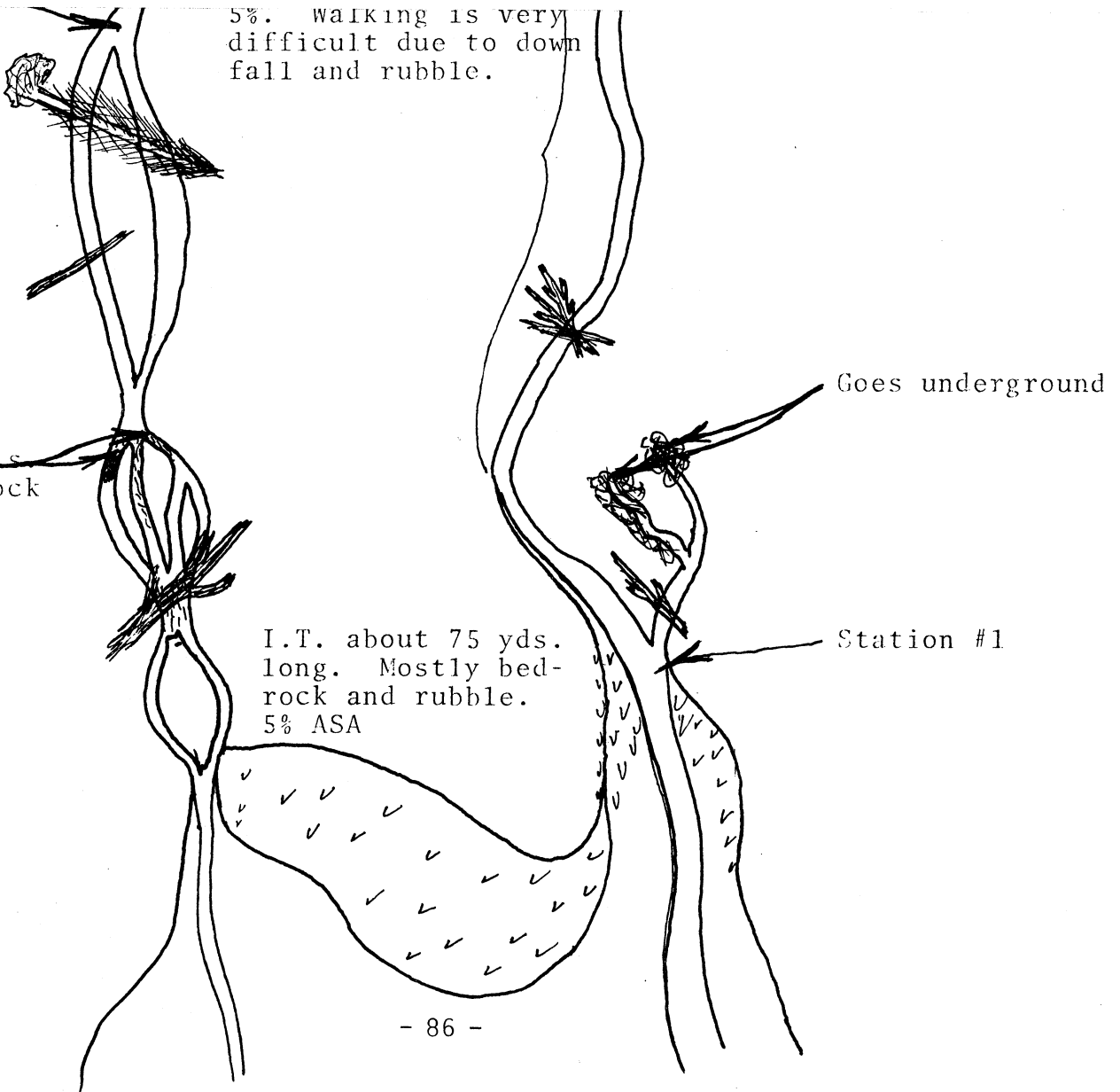
Soils Stable to the point where I stopped walking.

GAME RESOURCES

| | | |
|---------------|---|----------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | <u>0</u> |
| | Number of droppings | <u>0</u> |
| Geese ----- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mallards ---- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mergansers - | Number of broods seen | <u>1</u> |
| Bald Eagles-- | Number seen along creek | <u>0</u> |
| | Number of nests seen and location | <u>0</u> |
| Seals ----- | Number seen at mouth of stream | <u>0</u> |
| Tide flats - | Estimate length along beach | <u>-</u> |
| | Estimate depth out from beach | <u>-</u> |
| | Eel grass present on what percent of flats | <u>-</u> |



| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------------------------|--------------------------|---------------------------------|-------------------------------|----------------------------|-------------------|-----------------|------------------------|------|---------------------|--|-----------------------------|-----------|---------|--------------------------|---------------------|-------------------|----------------------|------------|------------|---|---------------------|----------------------------------|--------|-----------|-----------------|------------|
| Name | Latitude N 54° 51' 00" | Longitude W 132° 55' 15" | Geodetic Map No. Dixon Ent. D-3 | Location W. Coast Dall Island | Drainage Area of Watershed | Water Supply Type | Lake and runoff | Trails & Survey Routes | None | Aerial Survey Notes | Aerial survey difficult due to thick canopy. | dark water and dark bottom. | Anchorage | In bay. | Tide Stage When Surveyed | Low tide, flooding. | FISHERY RESOURCES | Commercial Fisheries | Escapement | No record. | Available spawning area - 62 M ² | Species Composition | Available to chum, pink and coho | Timing | No record | Schooling areas | No record. |
|------|------------------------|--------------------------|---------------------------------|-------------------------------|----------------------------|-------------------|-----------------|------------------------|------|---------------------|--|-----------------------------|-----------|---------|--------------------------|---------------------|-------------------|----------------------|------------|------------|---|---------------------|----------------------------------|--------|-----------|-----------------|------------|



Name _____ Catalog No. 104-20-65
 Latitude N 54° 51' 00" WR No. _____
 Longitude W 132° 55' 15" K No. _____
 Geodetic Map No. Dixon Ent. D-3 Work Area Ketchikan
 Location W. Coast Dall Island Watershed Length _____
 Drainage Area of Watershed _____
 Water Supply Type Lake and runoff

Trails & Survey Routes None

Aerial Survey Notes Aerial survey difficult due to thick canopy,
dark water and dark bottom.

Anchorage In bay.

Tide Stage When Surveyed Low tide, flooding.

FISHERY RESOURCES

Commercial Fisheries _____

Escapement No record.

Available spawning area - 62 M²

Species Composition Available to chum, pink and coho

Timing No record

Schooling areas No record.

Shellfish Potential I.T.Z. is rocky

Sport Fisheries _____

Land Use at Present None

History of Land Use Logged.

Rehabilitation Potential Log jam on R. fork would be hard to remove.
Left hand fork has rock pile.

Soils Observed some slippage along stream.

GAME RESOURCES

| | | |
|--------------|---|----------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | 0 |
| | Number of droppings | 0 |
| Geese ----- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mallards --- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mergansers - | Number of broods seen | 0 |
| Bald Eagles- | Number seen along creek | 0 |
| | Number of nests seen and location | 0 |
| Seals ----- | Number seen at mouth of stream | 0 |
| Tide flats - | Estimate length along beach | 200 yds. |
| | Estimate depth out from beach | 10 ft. |
| | Eel grass present on what percent of flats | 0 |

Port Bazan
104-20-70
Downey
7-22-74

BEAVER
POND

LOGGED

LOGGED

Active beaver dam - barrier -
300 yds above I.T.

← 10' wide, 4" deep

← Seep from muskeg

Much debris and
many fry - not
coho or Dolly
Varden. Also more
spread out and slow
moving with a little
silt on top of gravel.

Some mud and clay. Also
slash from past logging.

LOGGED

High water
channel →

Stream is narrow here (2' wide
and 8" deep) with a small area
of slumpage.

OPEN GRASSY MEADOW

A few freshwater
clams in the stream.

40% available
spawning area.

MEADOW

This stream has some
slow moving water
but a few good
riffles also.

} Large boulders and small cascade at I.T.

Name Port Bazan Catalog No. 104-20-70
 Latitude 54° 50' 43" WR No. _____
 Longitude 132° 54' 43" K No. _____
 Geodetic Map No. Dixon Ent. D-3 Work Area Ketchikan
 Location W. Coast Dall Island Watershed Length .75 mile
 Drainage Area of Watershed _____
 Water Supply Type Springs, precipitation

Trails & Survey Routes All open meadow and easy wllaking along the stream.

Aerial Survey Notes Could be surveyed to the beaver dam - no potential above this.

Anchorage Anchorage is shown on navigation chart #8146, also refer to Coast Pilot.

Tide Stage When Surveyed 1/2 out and ebbing

FISHERY RESOURCES

Commercial Fisheries Unknown

Escapement Unknown - "few jumps in the bay" on 8-27-71 : one small ball in bay (300?) on 8-28-70. Available spawning area - 334 M²

Species Composition Unknown

Timing Unknown - must be late

Schooling areas Off the mouth

Shellfish Potential Very little - too rocky

Sport Fisheries Unknown - but would be very little or non-existant

Land Use at Present None

History of Land Use This area was logged several years ago.

Rehabilitation Potential Too small for much potential.

Soils Stable except for a bank slumpage away near the upper end of the meadow.

GAME RESOURCES

| | | |
|--------------|---|--------------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | <u>0</u> |
| | Number of droppings | <u>0</u> |
| Geese ----- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mallards --- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mergansers - | Number of broods seen | <u>1</u> |
| Bald Eagles- | Number seen along creek | <u>0</u> |
| | Number of nests seen and location | <u>0</u> |
| Seals ----- | Number seen at mouth of stream | <u>1</u> |
| Tide flats - | Estimate length along beach | <u>rocky</u> |
| | Estimate depth out from beach | <u>rocky</u> |
| | Eel grass present on what percent of flats | <u>rocky</u> |

Observers: Downey

Date: 7-22-74

Temperature: 59°

Weather: Rain

STREAM INVENTORY FORM

Name: Port Bazan

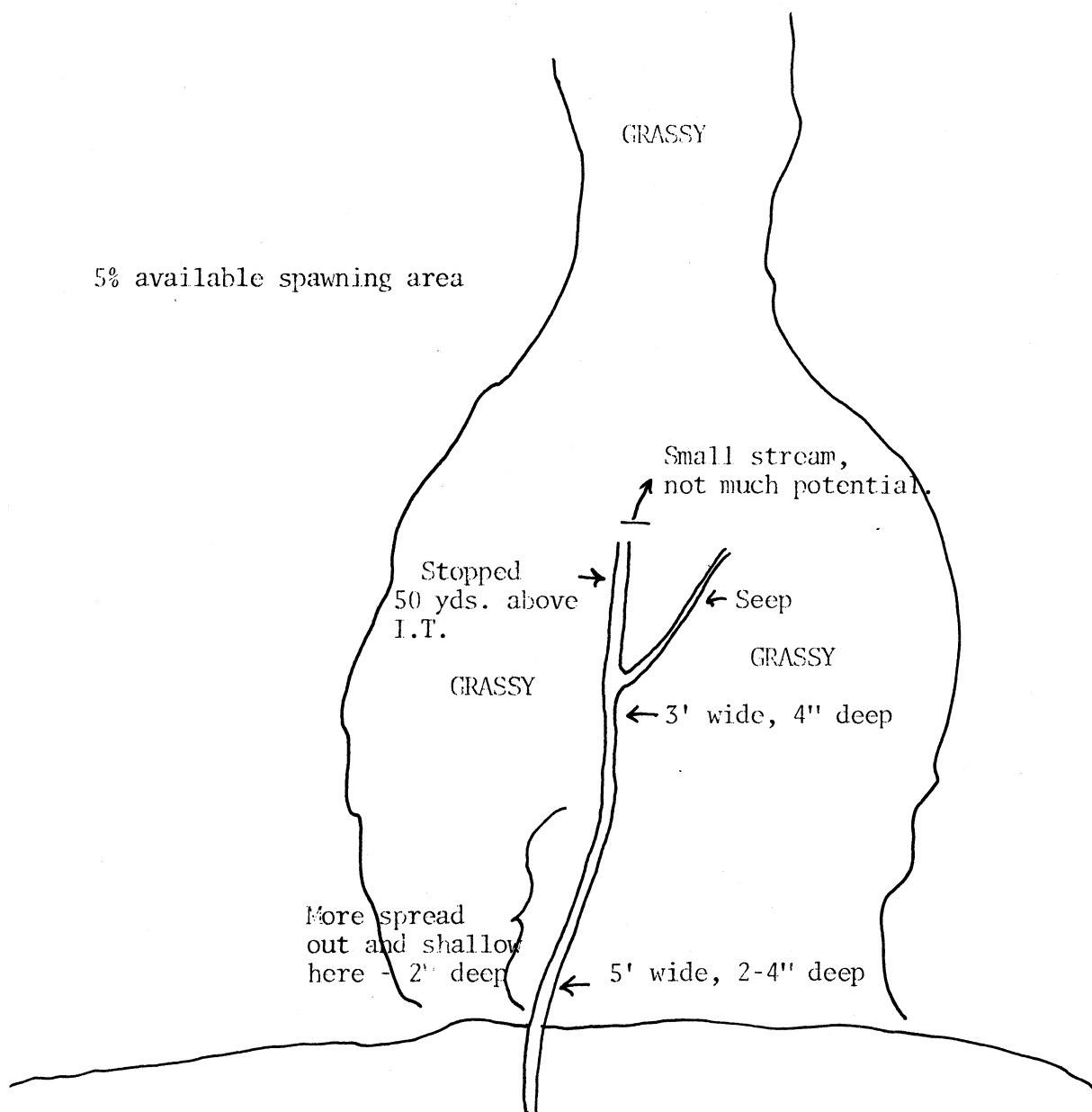
Number: 104-20-70

[illegible]

General Remarks (rehab., land use, barriers, log jams, etc.):

Port Bazan - Right Head
104-20-72 (assigned)
7-22-74
Downey

Not a cataloged stream and maybe rightfully so. This is a pretty small stream but it could possibly support a half dozen spawners. Large boulders, with a little spawning area.



Name Port Bazan Catalog No. 104-20-72 (assigned)
Latitude 54° 50' 35" WR No. _____
Longitude 132° 54' 44" K No. _____
Geodetic Map No. Dixon Ent. D-3 Work Area Ketchikan
Location West Coast Dall Island Watershed Length 500 yards
Drainage Area of Watershed _____
Water Supply Type Springs, precipitation

Trails & Survey Routes Open grassy meadow - small stream - easy walking.

Aerial Survey Notes Too small to survey.

Anchorage Refer to navigation chart #8146 and Alaska Coast Pilot. Good anchorage in bight on Dolgoi Island and on inside of the bay.

Tide Stage When Surveyed Tide ebbing - almost low.

FISHERY RESOURCES

Commercial Fisheries Unknown - very little, if any.

Escapement Unknown

Available spawning area - 2 M²

Species Composition Unknown

Timing Late

Schooling areas Off the mouth.

Shellfish Potential Probably not much, maybe a few clams or abalone in the general area. No crab pots were set.

Sport Fisheries Unknown, but would be almost zero.

Land Use at Present None

History of Land Use Some logging in this general area.

Rehabilitation Potential None - too small.

Soils Stable to the point walked. Small stream and is short lived.

GAME RESOURCES

| | | |
|--------------|---|----------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | <u>0</u> |
| | Number of droppings | <u>0</u> |
| Geese ----- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mallards --- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mergansers - | Number of broods seen | <u>0</u> |
| Bald Eagles- | Number seen along creek | <u>0</u> |
| | Number of nests seen and location | <u>0</u> |
| Seals ----- | Number seen at mouth of stream | <u>0</u> |
| Tide flats - | Estimate length along beach | _____ |
| | Estimate depth out from beach | _____ |
| | Eel grass present on what percent of flats | _____ |



104-20-75 - Pt. Bazan

Port Bazan
104-20-75
7-22-74
Downey

NOT LOGGED

LOGGED

LOGGED

Continues steeply

Stopped 125 yds. above I.T.

} Small bedrock cascade falls - no block

This stream has little potential as it is composed mostly of bedrock and large boulders

LOGGED

5% usable available spawning area

NOT LOGGED

Gravel bar

Name Port Bazan Catalog No. 104-20-75
 Latitude 54° 49' 39" WR No. _____
 Longitude 132° 55' 23" K No. _____
 Geodetic Map No. Dixon Ent. D-3 Work Area Ketchikan
 Location West Coast Dall Island Watershed Length 1.25 miles
 Drainage Area of Watershed _____
 Water Supply Type Springs, precipitation

Trails & Survey Routes Walk in the stream.

Aerial Survey Notes Logged on one side, is fairly open and could be surveyed from the air. Not much fishery potential here.

Anchorage Refer to navigation chart #8146 and Alaska Coast Pilot.

Good anchorage in bight on Dolgoi Island and on inside of the bay.

Tide Stage When Surveyed Tide low and just starting in.

FISHERY RESOURCES

Commercial Fisheries Unknown

Escapement Unknown

Available spawning area - 26 M²

Species Composition Unknown

Timing Late

Schooling areas Off the mouth

Shellfish Potential Maybe clams but pretty rocky with not much potential.

Sport Fisheries Unknown - but would have but little potential.

Land Use at Present None

History of Land Use West side and upper drainage of the stream was logged at one time.

Rehabilitation Potential None - too small with little spawning area.

Soils Semi-stable to the point I stopped walking.

GAME RESOURCES

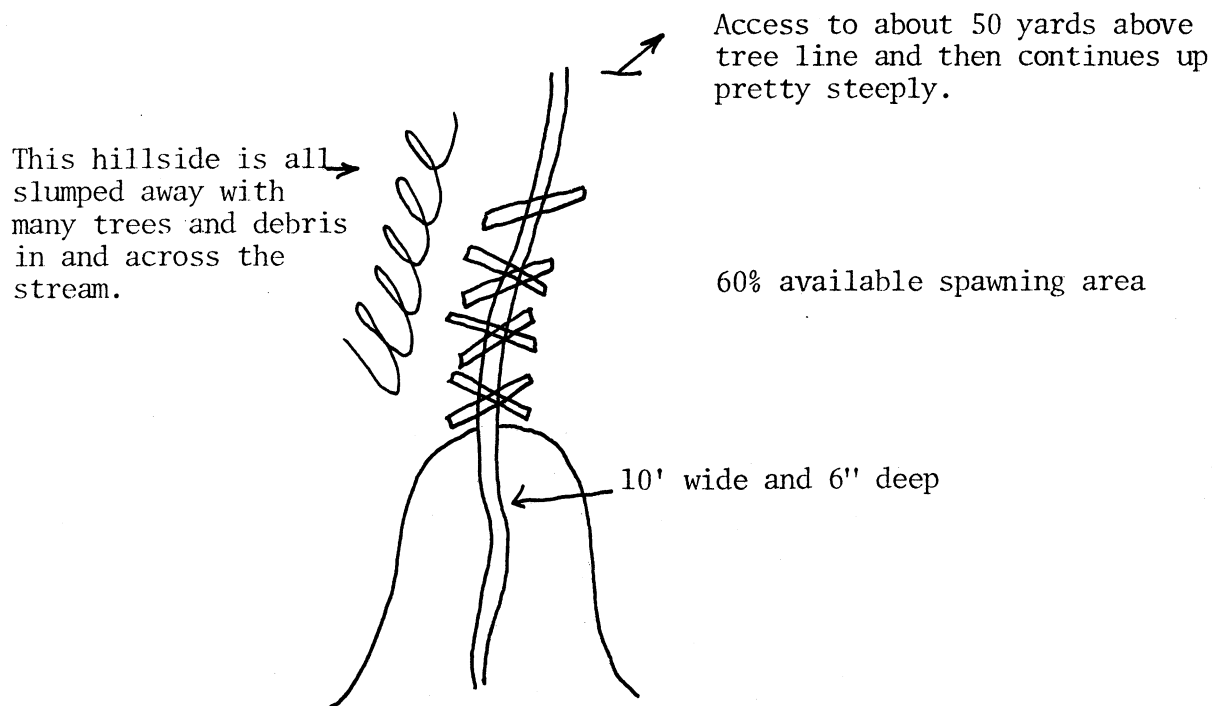
| | | |
|--------------|---|---|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | 0 |
| | Number of droppings | 0 |
| Geese ----- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mallards --- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mergansers - | Number of broods seen | 1 |
| Bald Eagles- | Number seen along creek | 0 |
| | Number of nests seen and location | 0 |
| Seals ----- | Number seen at mouth of stream | 0 |
| Tide flats - | Estimate length along beach | 0 |
| | Estimate depth out from beach | |
| | Eel grass present on what percent of flats | |

Port Bazan
104-20-80
7-22-74
Downey

Check for location of this stream - not as marked in by Novak.

This is a good small stream having good gravel (2" - 6").

Water level is pretty high from recent heavy rains.



Name Port Bazan Catalog No. 104-20-80
Latitude 54° 49' 06" WR No. _____
Longitude 132° 57' 00" K No. _____
Geodetic Map No. Dixon Ent. D-3 Work Area Ketchikan
Location West Coast Dall Island Watershed Length Not shown on map
Drainage Area of Watershed _____
Water Supply Type Springs, precipitation

Trails & Survey Routes Walkin the stream to just above the I.T.Z., choked with debris above this and not walked further.
Aerial Survey Notes Too small, but could survey the short I.T. area.

Anchorage Refer to navigation chart #8146 and Alaska Coast Pilot. Good anchorage in bight on Dolgoi Island and on the inside of the bay.
Tide Stage When Surveyed tide just starting in.

FISHERY RESOURCES

Commercial Fisheries Unknown

Escapement Unknown
Available spawning area - 83 M²
Species Composition Unknown

Timing Late
Schooling areas Off the mouth - would be mostly I.T. spawning.

Shellfish Potential Maybe clams or some abalone in the adjacent area but not really much shellfish potential.
Sport Fisheries Unknown - but would be very poor or non-existent.

Land Use at Present None

History of Land Use None

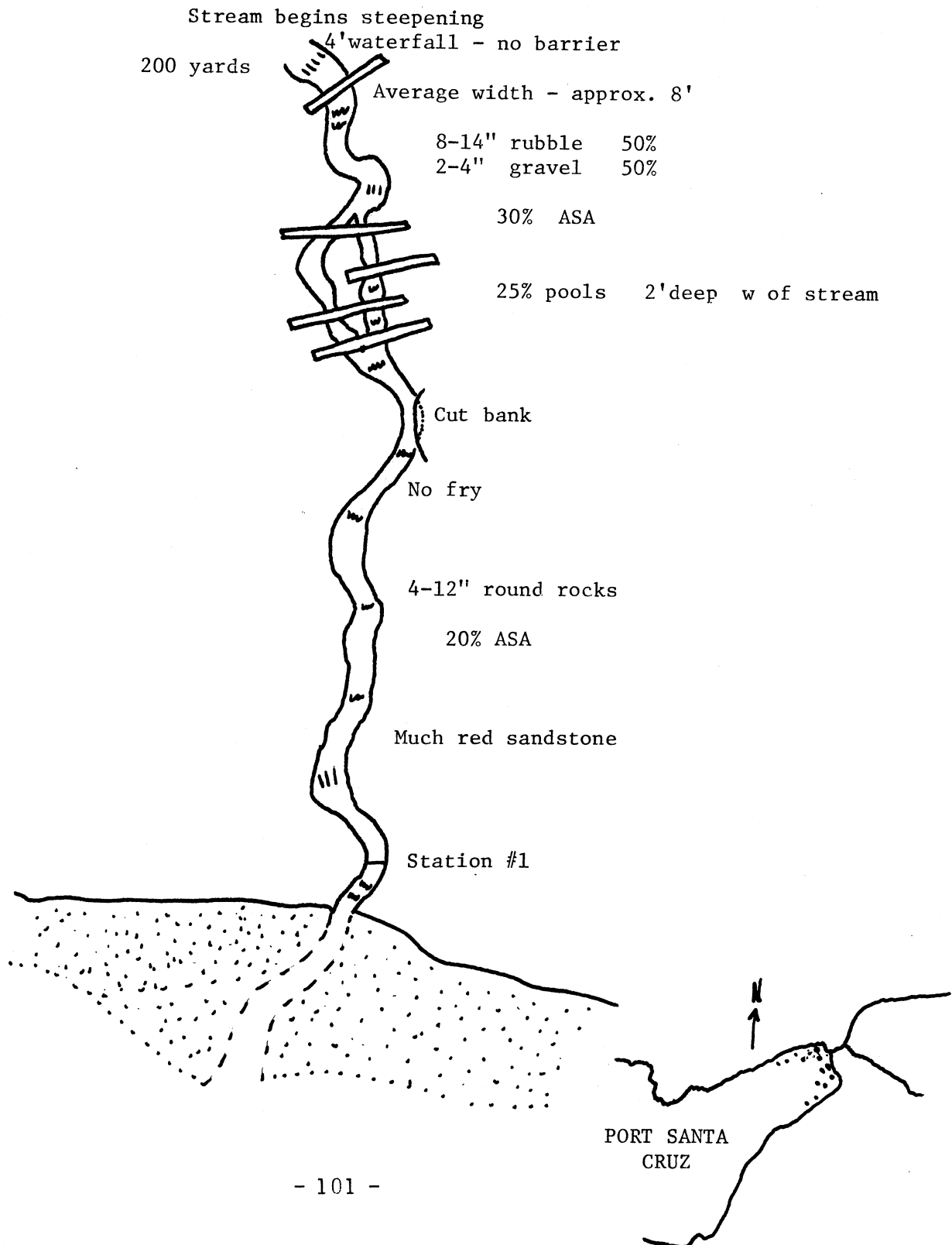
Rehabilitation Potential None - too small with no potential.

Soils Unstable - much debris slumped in the stream.

GAME RESOURCES

| | | |
|---------------|--|----------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate (saw 1 bear) | |
| | Number of droppings | <u>0</u> |
| Geese ----- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mallards ---- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mergansers - | Number of broods seen | <u>1</u> |
| Bald Eagles- | Number seen along creek | <u>0</u> |
| | Number of nests seen and location | <u>0</u> |
| Seals ----- | Number seen at mouth of stream | <u>0</u> |
| Tide flats - | Estimate length along beach | <u>-</u> |
| | Estimate depth out from beach | <u>-</u> |
| | Eel grass present on what percent of flats | <u>-</u> |

Port Santa Cruz
Head stream
104-30-10
8-10-75
Novak, R. Larson, Downey



Observers: Novak, Downey, R. Larsen
Date: 8-10-75

Temperature: 60°

Weather: Overcast

General Remarks (rehab., land use, barriers, log jams, etc.):

Name Port Santa Cruz- Head Stream Catalog No. 104-30-10
 Latitude N 55° 17' 18" WR No. _____
 Longitude W 133° 23' 58" K No. _____
 Geodetic Map No. Craig B-5 Work Area Ketchikan
 Location Head of Pt. Santa Cruz - Suemez Watershed Length 2.3 (all tribs)
 Drainage Area of Watershed 1.8 sq. miles
 Water Supply Type Precipitation

Trails & Survey Routes Stream easily walked.

Aerial Survey Notes Too small to be surveyed by air.

Anchorage Off mouth of creek.

Tide Stage When Surveyed 1/2 flood.

FISHERY RESOURCES

Commercial Fisheries Probably pinks (no fry or adults seen)

Escapement No records available of past escapements.

Available spawning area - 122 M²

Species Composition Unknown

Timing Probably late

Schooling areas Unknown

Shellfish Potential Clams and Dungeness crabs.

Sport Fisheries None

Land Use at Present None

History of Land Use Unknown

Rehabilitation Potential None

Soils Much red sandstone (fine grained and soft). Stream banks are undercut in one area but generally seem stable.

GAME RESOURCES

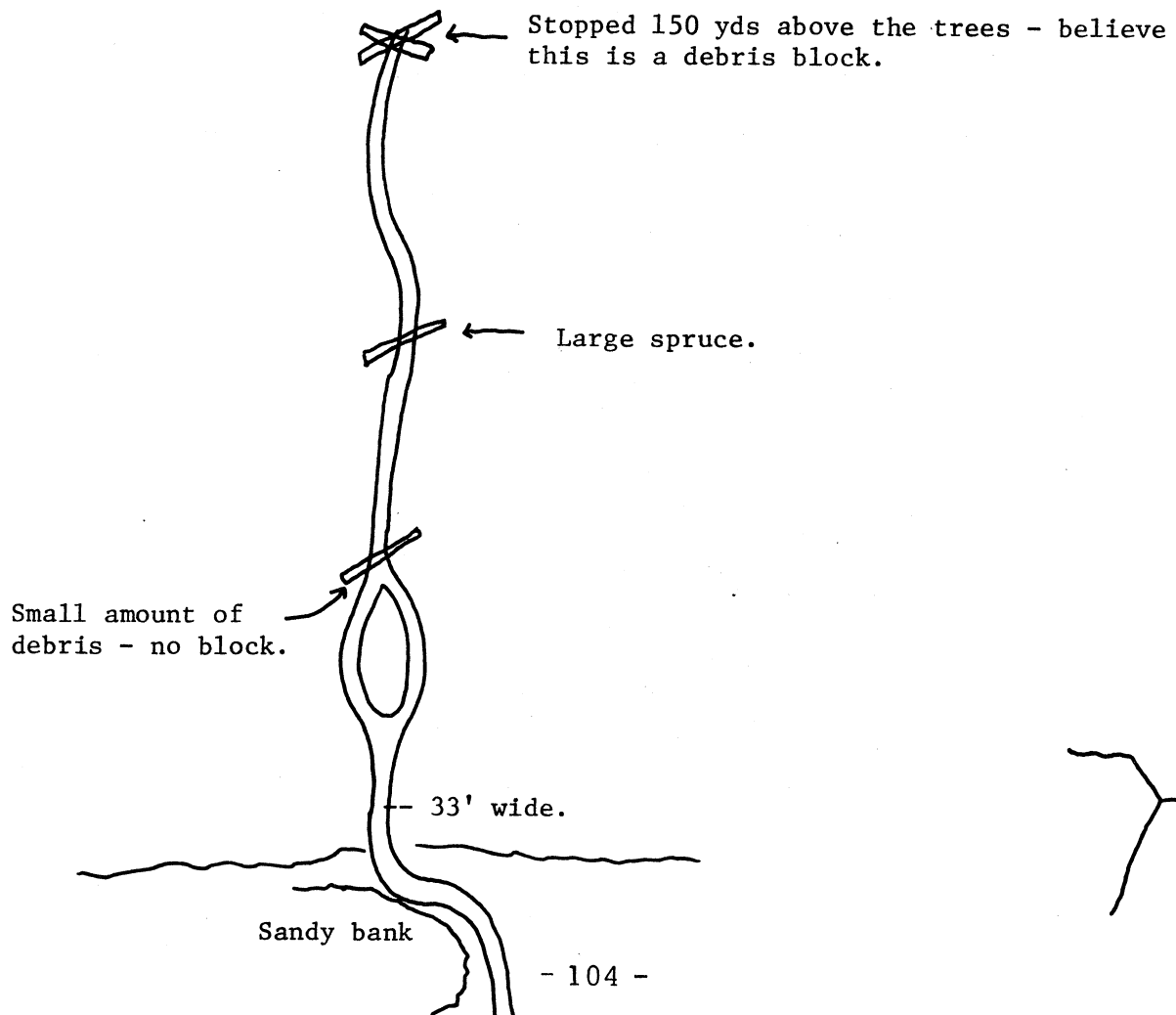
| | | |
|--------------|---|---|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | - |
| | Number of droppings | - |
| Geese ----- | Number seen on tide flats | - |
| | Number seen up creek | - |
| | Number of broods seen | - |
| Mallards --- | Number seen on tide flats | - |
| | Number seen up creek | - |
| | Number of broods seen | - |
| Mergansers - | Number of broods seen | - |
| Bald Eagles- | Number seen along creek | - |
| | Number of nests seen and location | - |
| Seals ----- | Number seen at mouth of stream | - |
| Tide flats - | Estimate length along beach | - |
| | Estimate depth out from beach | - |
| | Eel grass present on what percent of flats | - |

Cruz Point Creek
Suemez Island
104-30-15
Downey, Novak, R.Larson

No fry observed.

Small stream with 1-2" gravel.

20% Available spawning area.



Observers: Novak, Downey, RLarson

Date: 8-11-75

Temperature: 60°

Weather: Partly cloudy

Name: Cruz Point Creek

Number: 104-30-15

[illegible]

General Remarks (rehab., land use, barriers, log jams, etc.):

Name Cruz Point Creek Catalog No. 104-30-15
 Latitude N 55° 16' 16" WR No. _____
 Longitude W 133° 25' 24" K No. _____
 Geodetic Map No. Craig - B-5 Work Area Ketchikan
 Location Suemez Island Watershed Length 1.5 miles
 Drainage Area of Watershed _____
 Water Supply Type Precipitation - runoff

Trails & Survey Routes No trails, walk in the stream.

Aerial Survey Notes Too small with overstory to survey by air - possibly via helicopter.

Anchorage Possibly at head of Port Santa Cruz.

Tide Stage When Surveyed Low tide.

FISHERY RESOURCES

Commercial Fisheries Unknown

Escapement None recorded - unknown.

Available spawning area - 275 M²

Species Composition Unknown

Timing Unknown

Schooling areas Off the mouth or pools within the stream.

Shellfish Potential Not much - pretty sandy beach. Maybe a few clams or abalone on outside rocks.

Sport Fisheries None - too small

Land Use at Present None

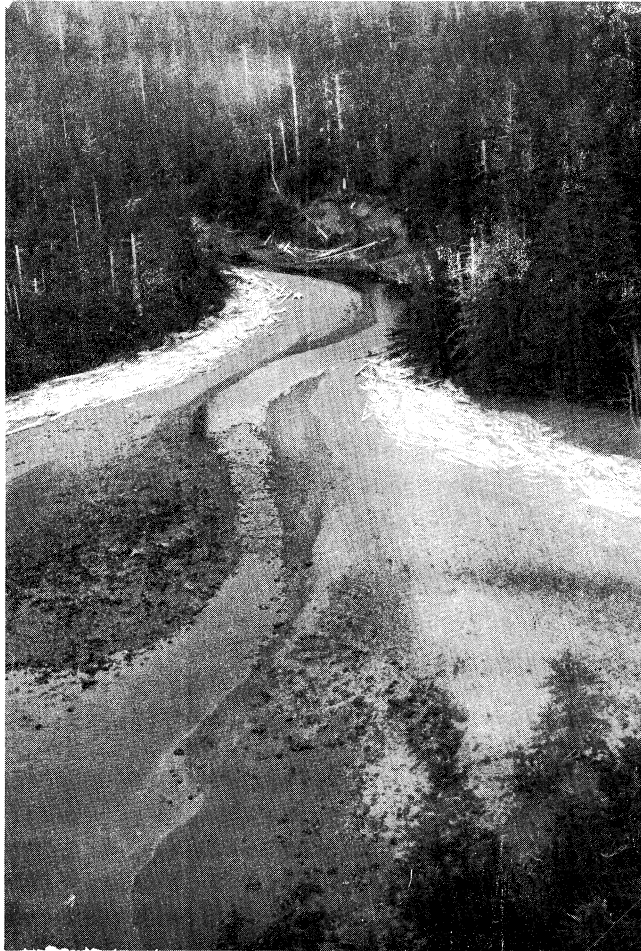
History of Land Use None

Rehabilitation Potential None - too small

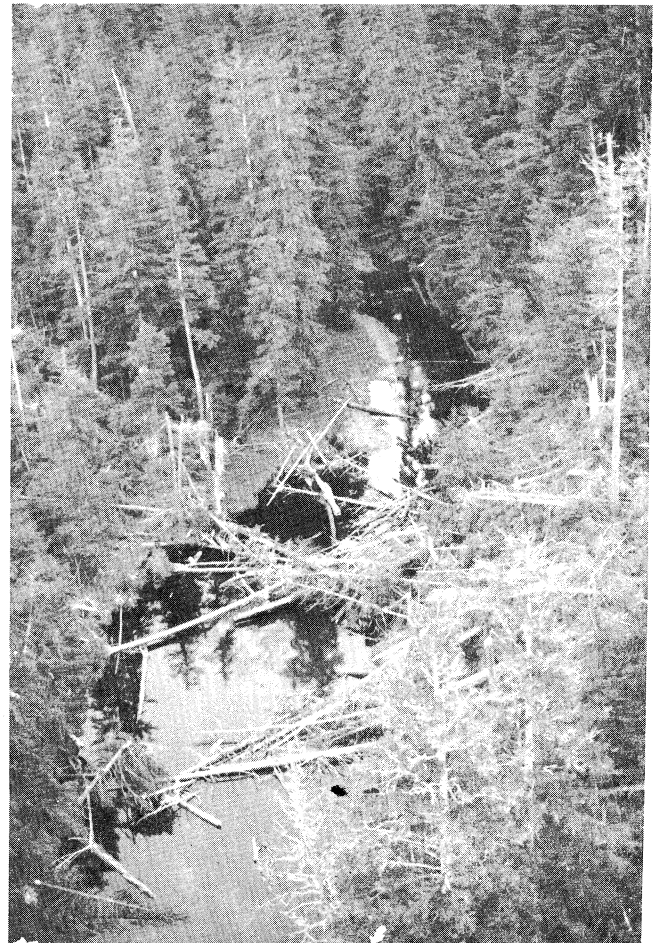
Soils Stable to the point walked.

GAME RESOURCES

| | | |
|---------------|---|---|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | 0 |
| | Number of droppings | 0 |
| Geese ----- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mallards --- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mergansers - | Number of broods seen | 0 |
| Bald Eagles-- | Number seen along creek | 0 |
| | Number of nests seen and location | 0 |
| Seals ----- | Number seen at mouth of stream | 0 |
| Tide flats - | Estimate length along beach | - |
| | Estimate depth out from beach | - |
| | Eel grass present on what percent of flats | - |



104-30-20



104-30-20

Joyner

7-18-74

Active beaver dam,
barrier. Looks
like it has been here
a while.

75 yds.
20' W.
4" D.

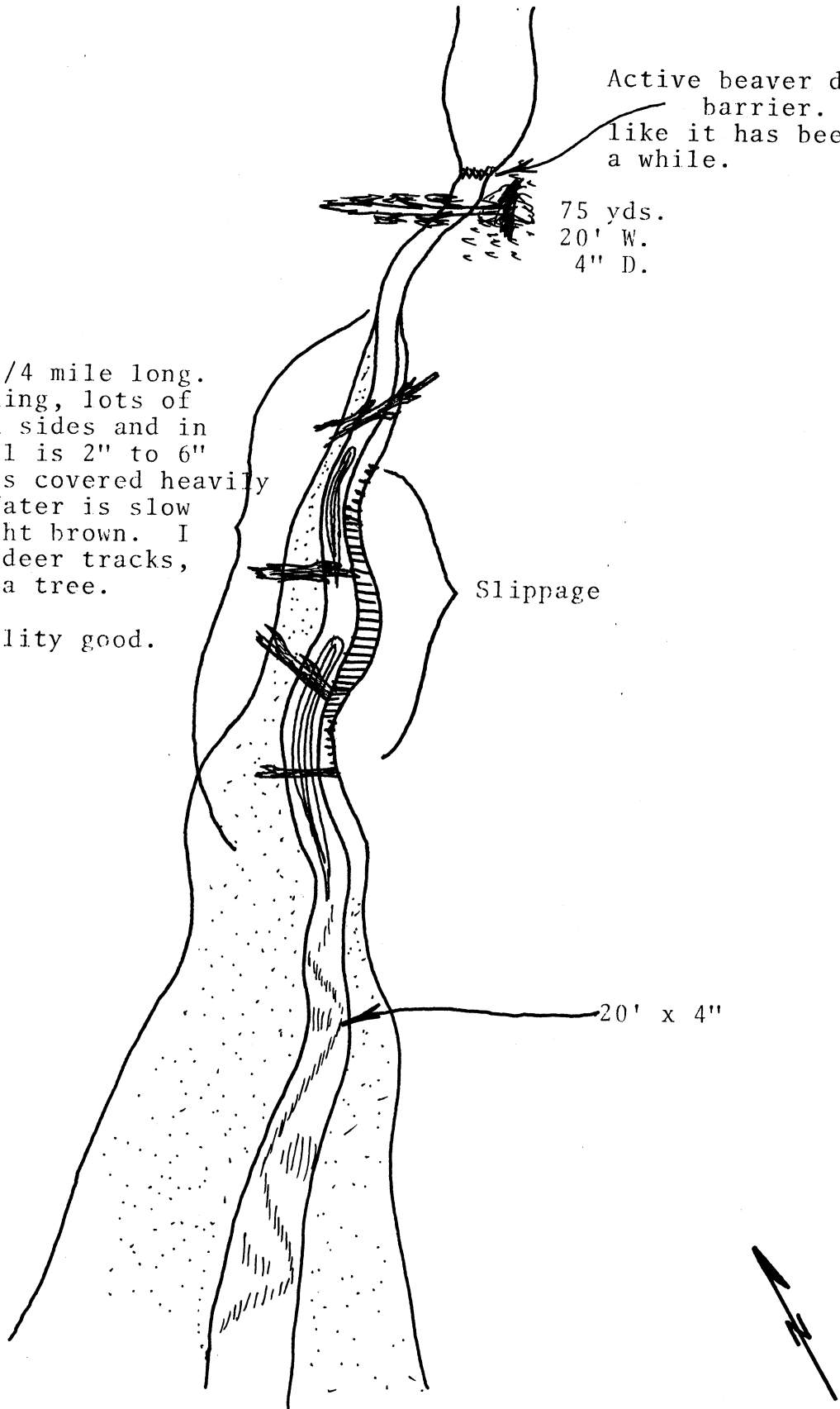
I.T.Z. about 1/4 mile long.
Very hard walking, lots of
down fall both sides and in
stream. Gravel is 2" to 6"
in I.T., but is covered heavily
with algae. Water is slow
moving and light brown. I
have observed deer tracks,
and a bear in a tree.

Rehab. possibility good.

20% ASA

Slippage

20' x 4"



Name _____ Catalog No. 104-30-20
Latitude N 55° 12' 37" WR No. None previous
Longitude W 133° 10' 23" K No. _____
Geodetic Map No. Craig A-5 Work Area Ketchikan
Location Suemez Island Watershed Length 1.5 mile
Drainage Area of Watershed _____
Water Supply Type Lake and runoff

Trails & Survey Routes None - walk up stream, windfall heavy and hard to walk.

Aerial Survey Notes Marginal - canopy heavy with dark bottom color.

Anchorage None in cove.

Tide Stage When Surveyed 3/4 low, ebbing.

FISHERY RESOURCES

Commercial Fisheries Unknown composition. Available to pink, chum and coho salmon.

Escapement Available spawning area - 490 M²

Species Composition Pink, coho and chum

Timing No record

Schooling areas Right side off creek mouth off ITZ.

Shellfish Potential None, IT is cobblestone.

Sport Fisheries Dolly Varden and cutthroat trout.

Land Use at Present None

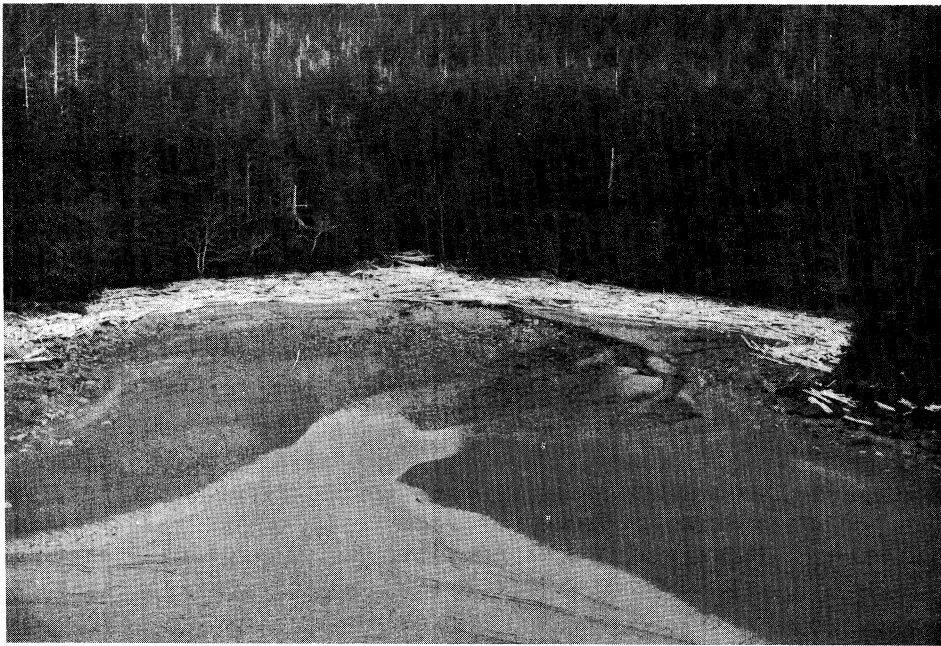
History of Land Use None

Rehabilitation Potential Rehabilitation possible with removal of beaver dam.

Soils Unstable on left side of creek I.T.Z. Stable otherwise.

GAME RESOURCES

| | | |
|--------------|---|----------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | 1 bear |
| | Number of droppings | 0 |
| Geese ----- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mallards --- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mergansers - | Number of broods seen | 0 |
| Bald Eagles- | Number seen along creek | 0 |
| | Number of nests seen and location | 0 |
| Seals ----- | Number seen at mouth of stream | 0 |
| Tide flats - | Estimate length along beach | 500 yds. |
| | Estimate depth out from beach | |
| | Eel grass present on what percent of flats | 0 |



ARENA CREEK

Arena Creek
104-30-25
7-18-74
Downey

Stopped here, can still
see a couple of good riffles
ahead - boat going dry - starts
to steepen, 300 yds. above I.T.

30% available spawning area.

Not a bad small stream and would
certainly support a few spawners.

Mostly hemlock

Stream banks stable.

} Large log jam, no block

← 8' wide, 6" - 8" deep.

← Cascade, bedrock rapids area -
No block.

} Some good riffles, separated by
good pools. Saw 2 unidentified
fry, looked like coho. Also a
little trace of bedrock here.

} Large size boulders in this area.

← Some good spawning gravel in this
area.

10' wide, 8" deep →

Massive log jam - no barrier.

Name Adjacent to Arena Cove Catalog No. 104-30-25
 Latitude 55° 13' 23" WR No. _____
 Longitude 133° 20' 57" K No. _____
 Geodetic Map No. Craig A-4 Work Area Ketchikan
 Location South Suemex Island Watershed Length 2-1/4 mile
 Drainage Area of Watershed _____
 Water Supply Type Springs, precipitation.

Trails & Survey Routes Walk in the stream or on the stream banks -- easy walking.
 Aerial Survey Notes Too small and too much overstory to survey any but the intertidal zone by air.
 Anchorage No anchorage here - run to the head of the South Arm of Bob's Bay on Dall Island. Refer to navigation chart #8151
 Tide Stage When Surveyed 3/4 out and ebbing.

FISHERY RESOURCES

Commercial Fisheries Unknown - however, what appeared to be coho fry were observed.
 Escapement Unknown
 Available spawning area - 200 M²
 Species Composition Unknown
 Timing Would be late.
 Schooling areas Off the mouth and pools within the stream.
 Shellfish Potential Rocky intertidal. Abalone are found in the adjacent area.
 Sport Fisheries Unknown - small stream so the potential would be limited.
 Land Use at Present None
 History of Land Use None
 Rehabilitation Potential None, too small and okay as is.
 Soils Stable to the point where I stopped walking.

GAME RESOURCES

| | | |
|--------------|---|--------------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | <u>0</u> |
| | Number of droppings | <u>0</u> |
| Geese ----- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mallards --- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mergansers - | Number of broods seen | <u>0</u> |
| Bald Eagles- | Number seen along creek | <u>0</u> |
| | Number of nests seen and location | <u>0</u> |
| Seals ----- | Number seen at mouth of stream | <u>0</u> |
| Tide flats - | Estimate length along beach | <u>rocky</u> |
| | Estimate depth out from beach | <u>"</u> |
| | Eel grass present on what percent of flats | <u>"</u> |



BOB's BAY CREEK

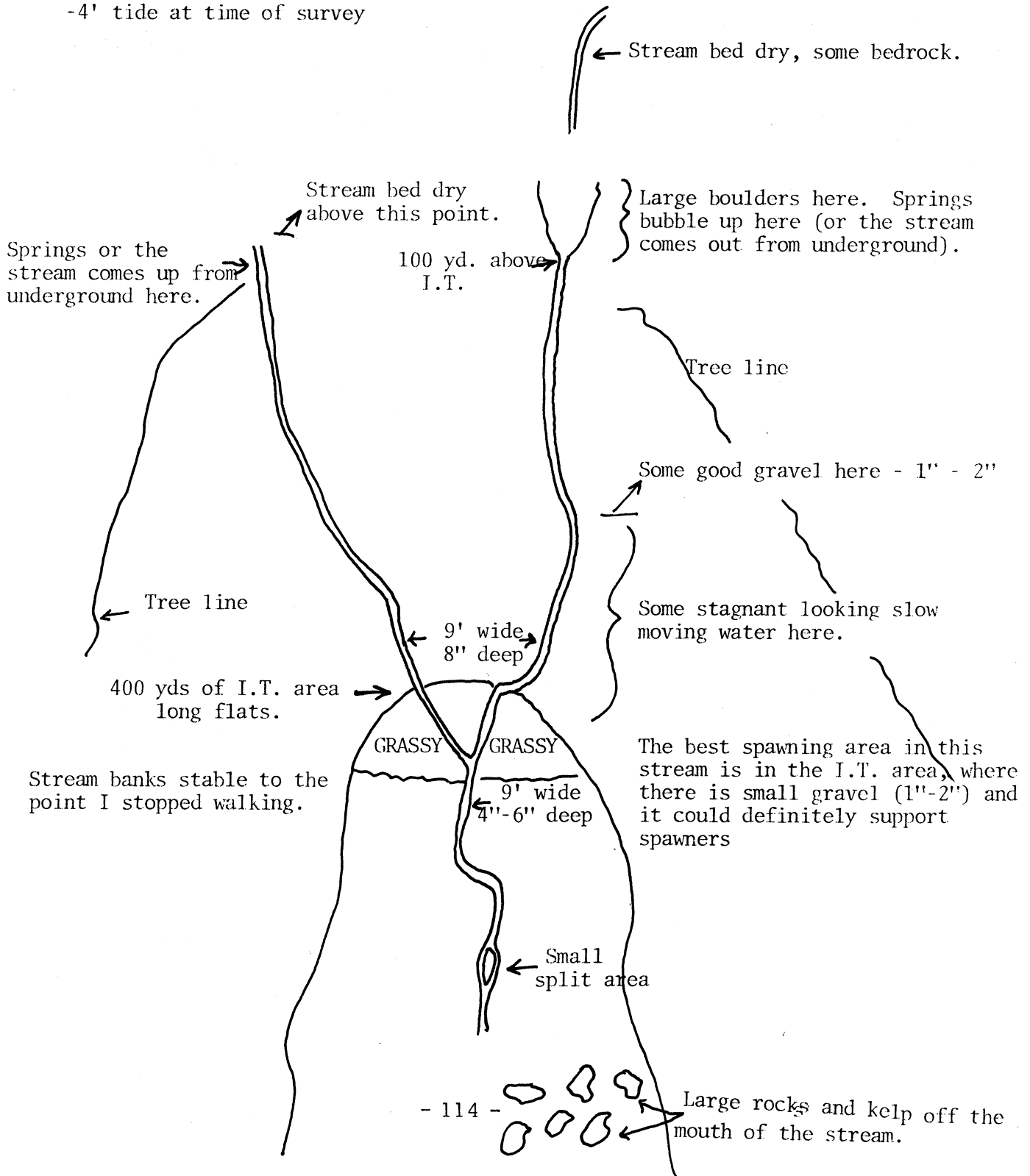


Bobs Bay
Downey
104-30-35
7-19-74

20% available spawning area

Mostly hemlock

-4' tide at time of survey



Name Bohs Bay Catalog No. 104-30-35
 Latitude 55° 12' 34" WR No. _____
 Longitude 133° 10' 32" K No. _____
 Geodetic Map No. Craig A-4 Work Area Ketchikan
 Location West Coast Dall Island Watershed Length 3 miles
 Drainage Area of Watershed _____
 Water Supply Type Precipitation, springs

Trails & Survey Routes Walk in the stream, doesn't go too far above the intertidal zone.
 Aerial Survey Notes Could survey the I.T.Z. o.k. but is too small above this for surveying from the air.
 Anchorage Refer to navigation chart #8151 and the Alaska Coast Pilot. There's a good anchorage here inside the bay in 4-8 fathoms of water.
 Tide Stage When Surveyed Low tide -4.

FISHERY RESOURCES

Commercial Fisheries Unknown
 Escapement Unknown
 Available spawning area - 100 M²
 Species Composition Unknown
 Timing Late
 Schooling areas Off the mouth and a couple of small pools within the stream.
 Shellfish Potential Good abalone picking off the mouth. Large flats so should be clams. No crab pots were set.
 Sport Fisheries Unknown but would be very poor - too small
 Land Use at Present None
 History of Land Use None
 Rehabilitation Potential None - too small.
 Soils Stable to the point I stopped walking.

GAME RESOURCES

| | | |
|---------------|---|---|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | 0 |
| | Number of droppings | 0 |
| Geese ----- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mallards ---- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mergansers - | Number of broods seen | 0 |
| Bald Eagles-- | Number seen along creek | 0 |
| | Number of nests seen and location | 0 |
| Seals ----- | Number seen at mouth of stream | 0 |
| Tide flats - | Estimate length along beach | |
| | Estimate depth out from beach | |
| | Eel grass present on what percent of flats | |

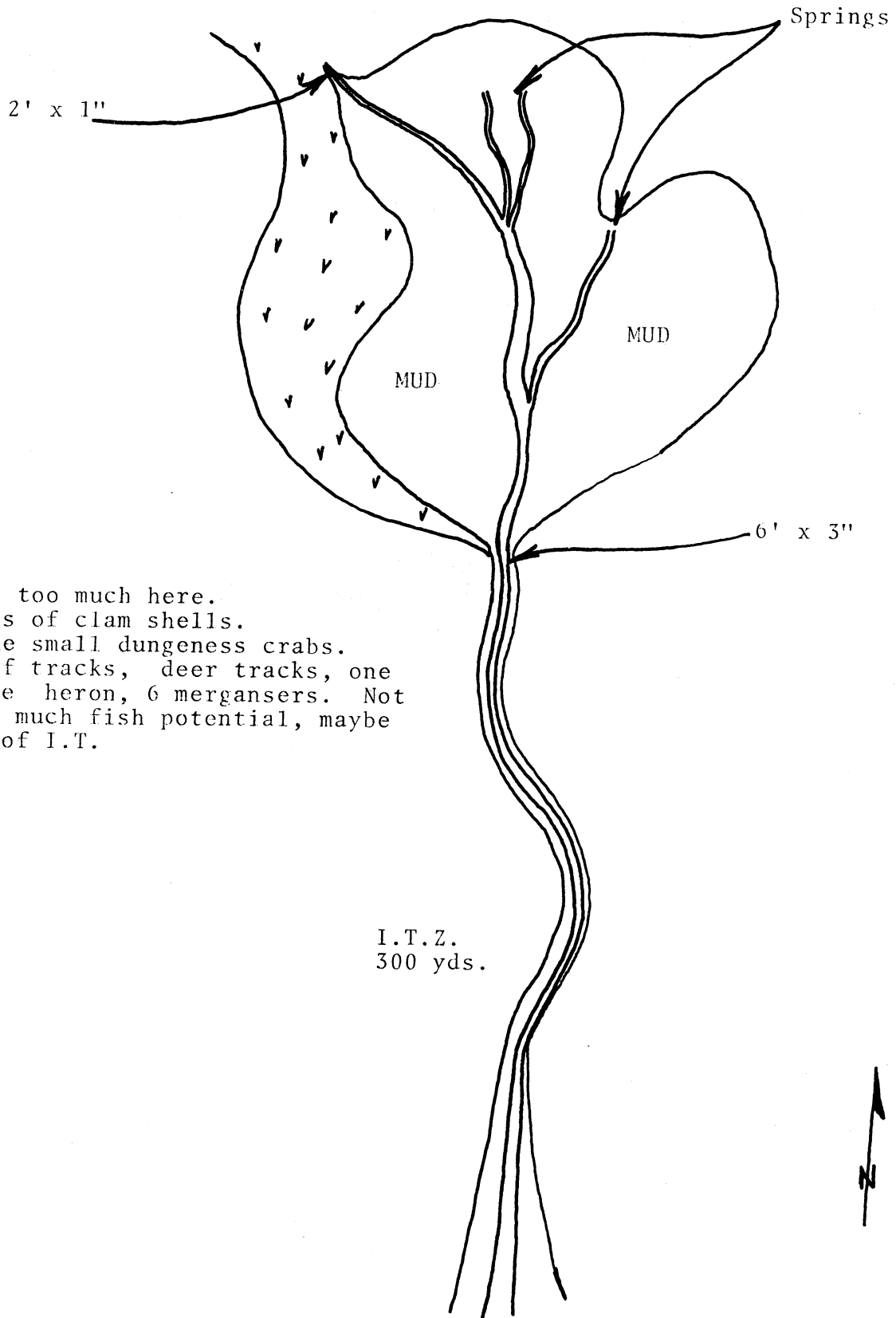


Upper section of
Bob's Bay Creek -
left.



Intertidal zone of
Bob's Bay Cr. - Left

Bob's Bay Creek - Left
104-30-37
Joyner
7-19-74



Not too much here.
Lots of clam shells.
Some small dungeness crabs.
Wolf tracks, deer tracks, one
blue heron, 6 mergansers. Not
too much fish potential, maybe
5% of I.T.

I.T.Z.
300 yds.

Name Bob's Bay Creek - left Catalog No. 104-30-37
Latitude N 55° 12' 37" WR No. _____
Longitude W 133° 10' 23" K No. _____
Geodetic Map No. Craig A-4 Work Area Ketchikan
Location W. Coast Dall Island Watershed Length _____
Drainage Area of Watershed _____
Water Supply Type Runoff

Trails & Survey Routes _____

Aerial Survey Notes _____

Anchorage In Bob's Bay

Tide Stage When Surveyed 1/2 tide, flooding

FISHERY RESOURCES

Commercial Fisheries _____

Escapement _____

Available spawning area - 8 M²

Species Composition _____

Timing _____

Schooling areas _____

Shellfish Potential Clams, dungeness crab.

Sport Fisheries _____

Land Use at Present None

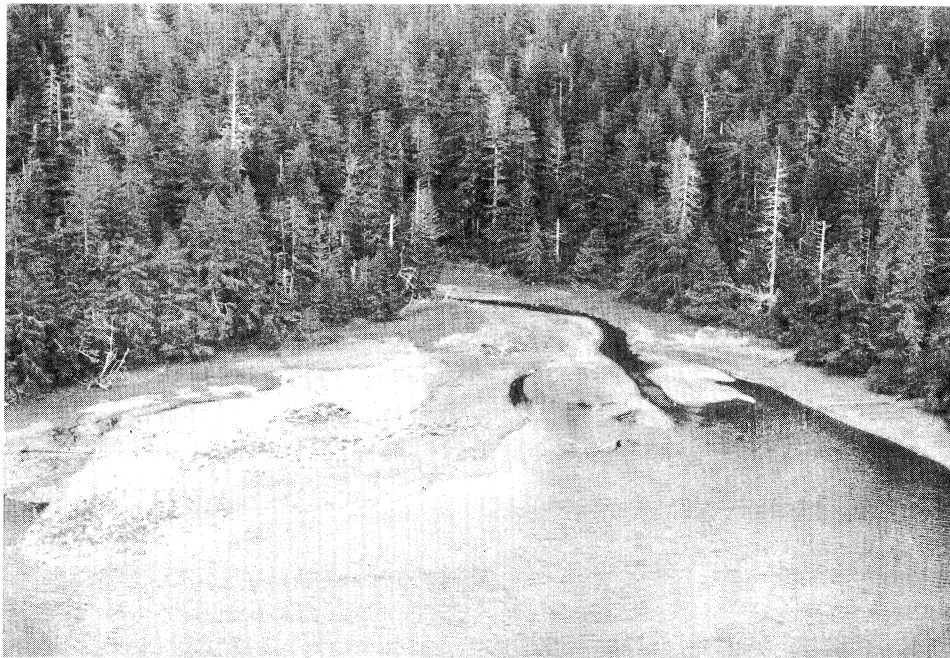
History of Land Use None

Rehabilitation Potential None

Soils Stable

GAME RESOURCES

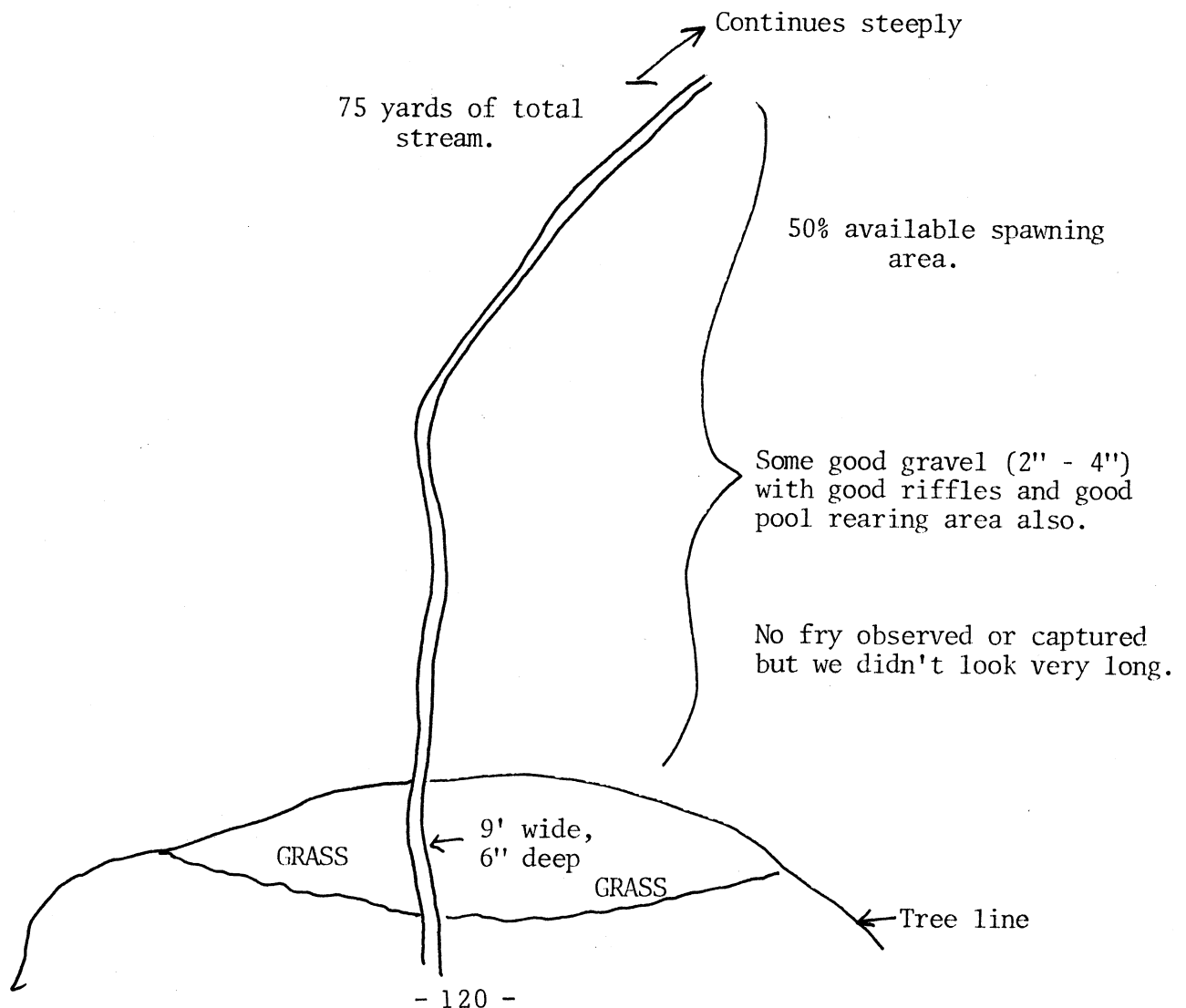
| | | |
|--------------|---|--------------------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | _____ |
| | Number of droppings | _____ |
| Geese ----- | Number seen on tide flats | _____ |
| | Number seen up creek | _____ |
| | Number of broods seen | _____ |
| Mallards --- | Number seen on tide flats | _____ |
| | Number seen up creek | _____ |
| | Number of broods seen | _____ |
| Mergansers - | Number of broods seen | _____ |
| Bald Eagles- | Number seen along creek | <u>1 (6 birds)</u> |
| | Number of nests seen and location | _____ |
| Seals ----- | Number seen at mouth of stream | _____ |
| Tide flats - | Estimate length along beach | _____ |
| | Estimate depth out from beach | _____ |
| | Eel grass present on what percent of flats | _____ |



MOUTH OF 104-30-40

Diver Bay
'Hole in the Wall'
104-30-40
7-19-74
Downey

This is the stream at the head of Hole in the Wall. Not a large stream by any means, but it does have some good gravel and could support spawners. Should be cataloged.



Name Diver Bay 'Hole in the Wall' Catalog No. 104-30-40
Latitude 55° 10' 38" WR No. _____
Longitude 133° 11' 10" K No. _____
Geodetic Map No. Craig A-4 Work Area Ketchikan
Location West Coast Dall Island Watershed Length 3/4 mile
Drainage Area of Watershed _____
Water Supply Type Springs, precipitation

Trails & Survey Routes Walk in the stream.

Aerial Survey Notes Could survey the I.T.Z. but is too small upstream for surveying.

Anchorage Refer to navigation chart #8151 and the Alaska Coast Pilot. I think you could get a small boat in here.

Tide Stage When Surveyed _____

FISHERY RESOURCES

Commercial Fisheries Should be pink, chum and coho

Escapement 1500 at the mouth on 8-27-70.

Available spawning area - 94 M²

Species Composition Unknown

Timing Late

Schooling areas Off the mouth.

Shellfish Potential Not much flats so probably not much clam production. Abalone in the adjacent area.

Sport Fisheries Unknown - but no potential here - too small.

Land Use at Present None

History of Land Use None

Rehabilitation Potential None - too small.

Soils Stable to the point I stopped walking.

GAME RESOURCES

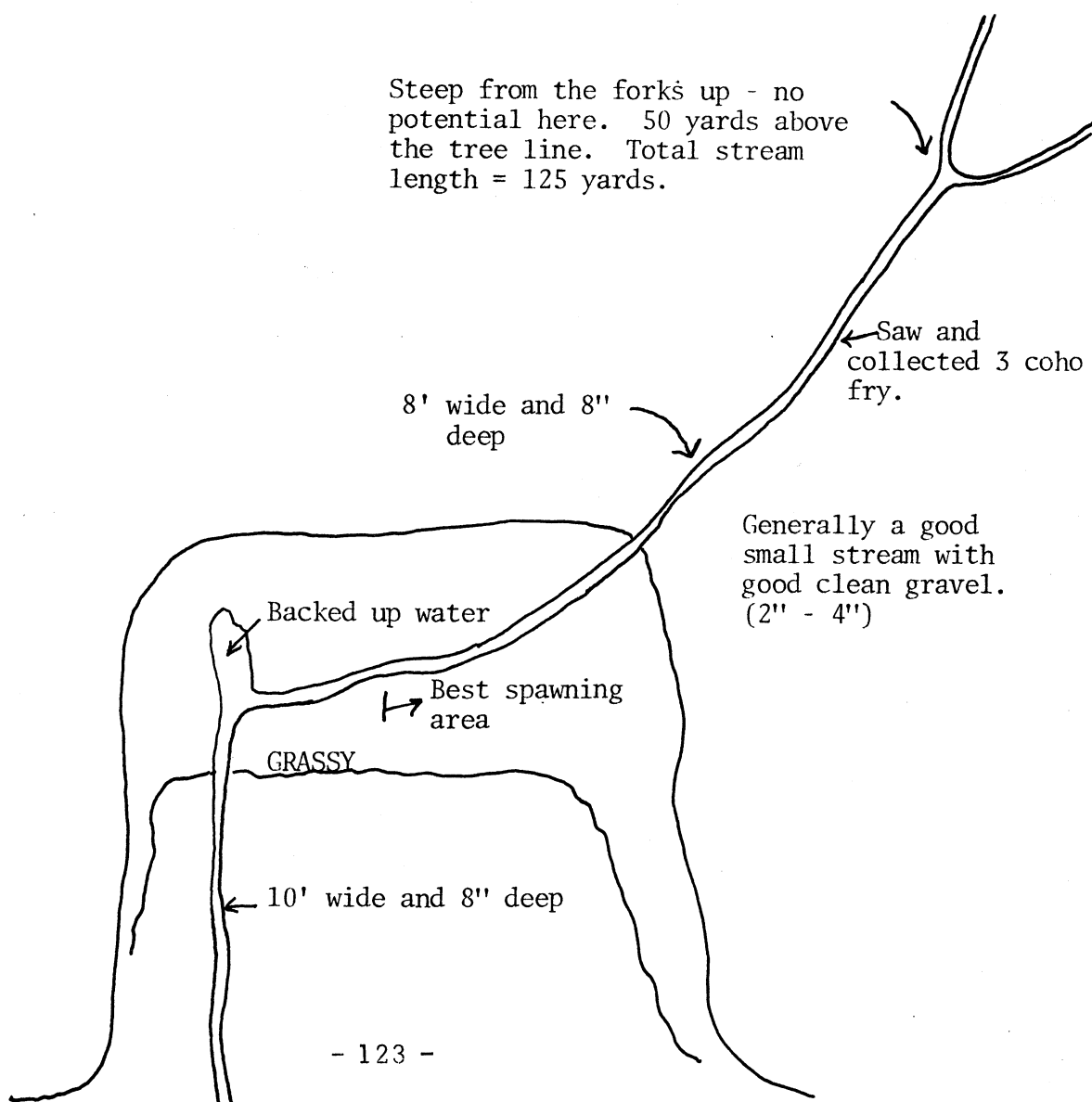
| | | |
|--------------|---|---|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | 0 |
| | Number of droppings | 0 |
| Geese ----- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mallards --- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mergansers - | Number of broods seen | 0 |
| Bald Eagles- | Number seen along creek | 0 |
| | Number of nests seen and location | 0 |
| Seals ----- | Number seen at mouth of stream | 0 |
| Tide flats - | Estimate length along beach | |
| | Estimate depth out from beach | |
| | Eel grass present on what percent of flats | |



MOUTH OF 104-30-45



Diver Bay
'Hole in the Wall'
104-30-45
7-19-74
Downey



Name Diver Bay - 'Hole in the Wall' Catalog No. 104-30-45
 Latitude 55° 10' 32" WR No. _____
 Longitude 133° 11' 11" K No. _____
 Geodetic Map No. Craig A-4 Work Area Ketchikan
 Location West Coast of Dall Island Watershed Length 3/4 mile
 Drainage Area of Watershed _____
 Water Supply Type Lake, precipitation.

Trails & Survey Routes Small stream, easiest to walk in the stream or on the banks.

Aerial Survey Notes Could survey the I.T. area but is too small and brushy upstream.

Anchorage Refer to navigation chart #8151 and the Alaska Coast Pilot.

I think you could get a small boat in 'Hole in the Wall' and it would be

Tide Stage When Surveyed About low tide. good anchorage.

FISHERY RESOURCES

Commercial Fisheries Unknown - should be pink and chum with coho for sure (saw coho fry).

Escapement Unknown

Available spawning area - 111 M²

Species Composition Unknown

Timing Late

Schooling areas Off the mouth.

Shellfish Potential Very limited but could be clams in the I.T. zone and there are abalone in the adjacent area.

Sport Fisheries Unknown - but potential would be poor.

Land Use at Present None

History of Land Use None

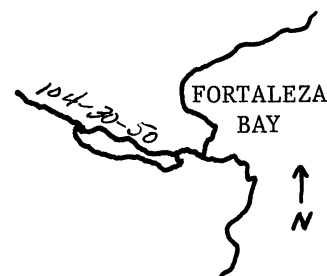
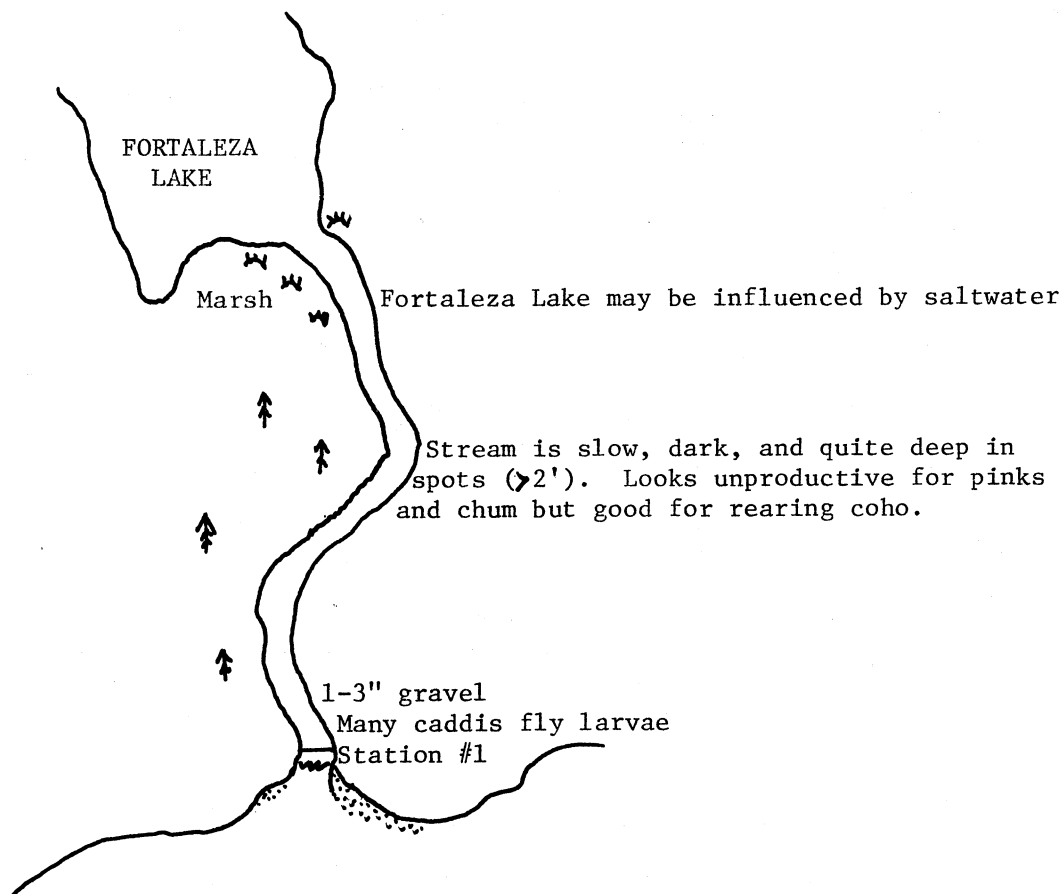
Rehabilitation Potential None - too small.

Soils Stable to the point I stopped walking.

GAME RESOURCES

| | | |
|--------------|---|---|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | 0 |
| | Number of droppings | 0 |
| Geese ----- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mallards --- | Number seen on tide flats | 0 |
| | Number seen up creek | 0 |
| | Number of broods seen | 0 |
| Mergansers - | Number of broods seen | 1 |
| Bald Eagles- | Number seen along creek | 0 |
| | Number of nests seen and location | 0 |
| Seals ----- | Number seen at mouth of stream | 0 |
| Tide flats - | Estimate length along beach | |
| | Estimate depth out from beach | |
| | Eel grass present on what percent of flats | |

Fortaleza Creek
104-30-50
8-11-75
Novak, Downey, R.Larson



Name Fortaleza Creek Catalog No. 104-30-50
Latitude N 55° 17' 42" WR No. -
Longitude W 133° 35' 49" K No. -
Geodetic Map No. Craig - B-5 Work Area Ketchikan
Location Baker I. Fortaleza Bay, S.head Watershed Length 1.75 miles
Drainage Area of Watershed 1.5 square miles
Water Supply Type Precipitation fed lake.

Trails & Survey Routes The lower stream is deep in areas and it would be best to walk along the bank to the lake.

Aerial Survey Notes Lower stream is very difficult because of the deep dark water in the stream.

Anchorage Fair weather anchorage only in Fortaleza Bay.

Tide Stage When Surveyed 1/2 tide.

FISHERY RESOURCES

Commercial Fisheries Limited spawning area for pink and chum but excellent rearing areas for cohos and possibly red salmon.

Escapement No previous records.

Available spawning area - 200 M²

Species Composition

Timing Middle - Late

Schooling areas Unknown

Shellfish Potential Low

Sport Fisheries Unknown. Should have some cutthroat and Dolly Varden in lake.

Land Use at Present None

History of Land Use Unknown

Rehabilitation Potential None

Soils Stable.

GAME RESOURCES

| | | |
|--------------|---|---|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | - |
| | Number of droppings | - |
| Geese ----- | Number seen on tide flats | - |
| | Number seen up creek | - |
| | Number of broods seen | - |
| Mallards --- | Number seen on tide flats | - |
| | Number seen up creek | - |
| | Number of broods seen | - |
| Mergansers - | Number of broods seen | - |
| Bald Eagles- | Number seen along creek | - |
| | Number of nests seen and location | - |
| Seals ----- | Number seen at mouth of stream | - |
| Tide flats - | Estimate length along beach | - |
| | Estimate depth out from beach | - |
| | Eel grass present on what percent of flats | - |

Observers: Novak, Downey, R. Larson
Date: 8-11-75

Observers: Novak, Downey, R. Larson
Date: 8-11-75

Date: 8-11-75

Temperature: 64°

Weather: Partly cloudy

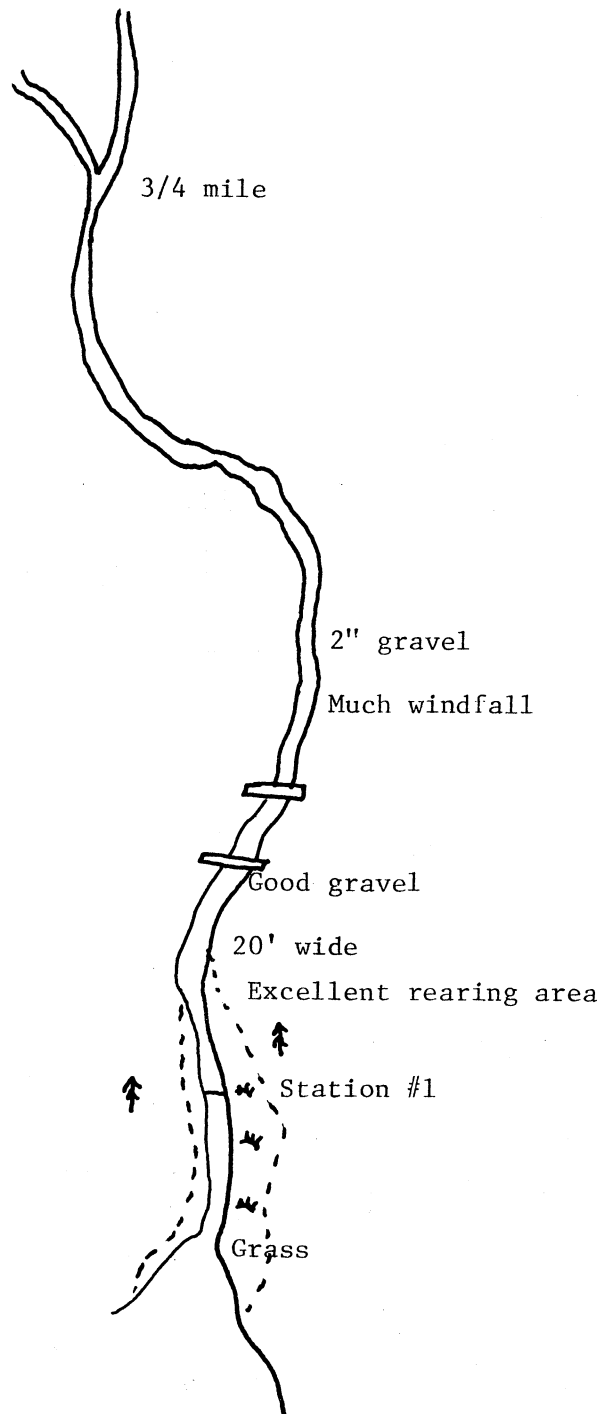
Name: Fortaleza Creek

Number: 104-30-50

[illegible]

General Remarks (rehab., land use, barriers, log jams, etc.): Creek is sluggish and dark but seems quite deep (72') for much of the distance to the lake. 1-3" gravel in riffle at beach mouth.

West Head N. Arm Pt. San Antonio
104-30-57
8-11-75
Novak, Downey, R.Larson



Name West Hd. N. Arm Pt. San Antonio Catalog No. 104-30-57
 Latitude N 55° 22' 18" WR No. _____
 Longitude W 133° 35' 48" K No. _____
 Geodetic Map No. Craig D-5 Work Area Ketchikan
 Location Baker Is., Pt. San Antonio Watershed Length 1.0 miles
 Drainage Area of Watershed 1.2 square miles
 Water Supply Type Precipitation

Trails & Survey Routes Small stream that is easily walked at normal water levels.

Aerial Survey Notes Difficult because of small size and overhead cover.

Anchorage Good anchorage in bay.

Tide Stage When Surveyed 2/3 flood.

FISHERY RESOURCES

Commercial Fisheries Good rearing area. No adults seen but many coho fry.
Should be pink also.

Escapement Past escapement unknown

Available spawning area - 464 M²

Species Composition Pinks and cohos - percentages unknown

Timing Probably middle - late.

Schooling areas Unknown

Shellfish Potential Crab and clam shells on beach

Sport Fisheries None

Land Use at Present None

History of Land Use Unknown

Rehabilitation Potential None needed.

Soils Low, stable banks. 1/4 mile of tidal influenced grassflats along lower stream.

GAME RESOURCES

| | | |
|--------------|---|---|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | - |
| | Number of droppings | - |
| Geese ----- | Number seen on tide flats | - |
| | Number seen up creek | - |
| | Number of broods seen | - |
| Mallards --- | Number seen on tide flats | - |
| | Number seen up creek | - |
| | Number of broods seen | - |
| Mergansers - | Number of broods seen | - |
| Bald Eagles- | Number seen along creek | - |
| | Number of nests seen and location | - |
| Seals ----- | Number seen at mouth of stream | - |
| Tide flats - | Estimate length along beach | - |
| | Estimate depth out from beach | - |
| | Eel grass present on what percent of flats | - |

Observers: Novak, Downey, R. Larson

Observers: Novak, Downey, R. Larson

Date: 8-11-75

Temperature: 64° F

Weather: Partly cloudy

Name: W.Hd. N. Arm Pt. San Antonio

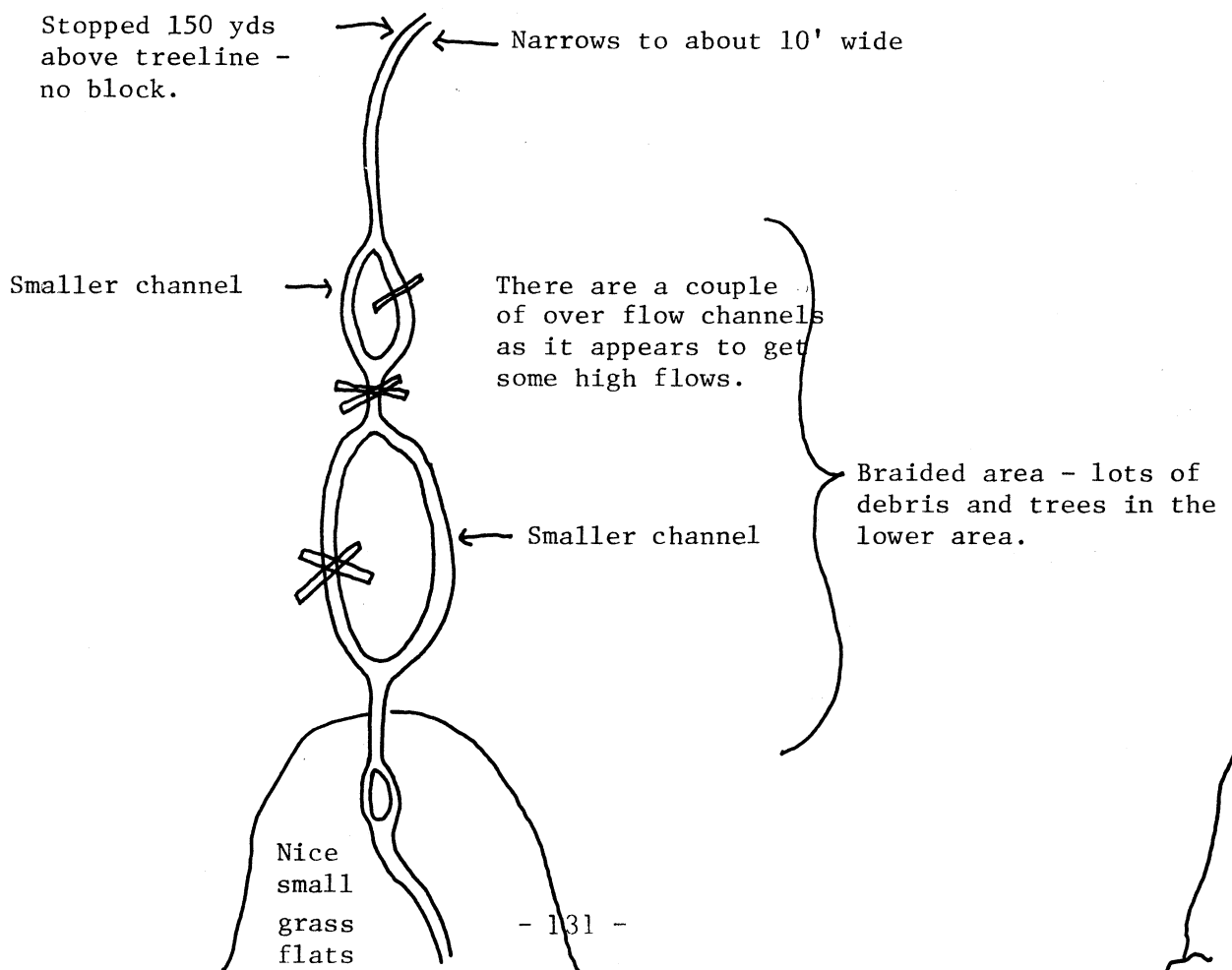
Number: 104-30-57

[illegible]

General Remarks (rehab., land use, barriers, log jams, etc.):

Split Creek
104-30-60
8-11-75
Downey, Novak, R.Larson

Generally very good looking spawning gravel - 2"-6".
Unidentified fry throughout.
A few small but good pools.
Small stream but with some definite limited spawning potential.
60% Available spawning area.



Name Split Creek Catalog No. 104-30-60
 Latitude N 55° 22' 14' WR No. _____
 Longitude W 133° 35' 33" K No. _____
 Geodetic Map No. Craig B-5 Work Area Ketchikan
 Location Baker Is., Pt. San Antonio N.Hd. Watershed Length 1.25 miles
 Drainage Area of Watershed _____
 Water Supply Type Precipitation, runoff

Trails & Survey Routes No trails - walk in stream.

Aerial Survey Notes Too small with overstory to aerial survey.

Anchorage South arm of Pt. San Antonio

Tide Stage When Surveyed Low tide.

FISHERY RESOURCES

Commercial Fisheries Unknown

Escapement Unknown

Available spawning area - 401 M²

Species Composition Unknown

Timing Unknown

Schooling areas Off the mouth and pools within the stream.

Shellfish Potential Fairly rocky beach - maybe a few clams or abalone.

Sport Fisheries None - too small

Land Use at Present None

History of Land Use None

Rehabilitation Potential None

Soils Stable to the point walked.

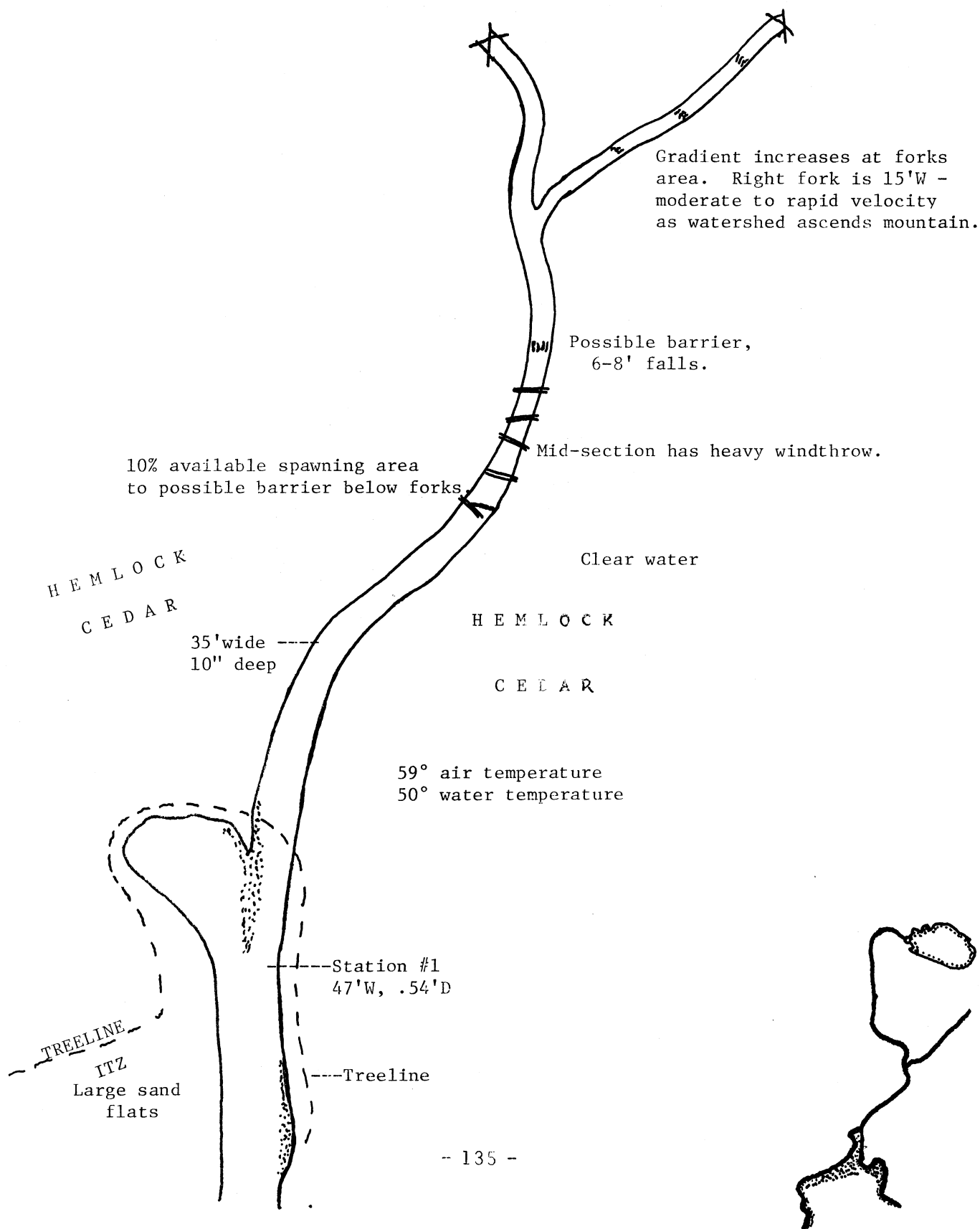
GATE RESOURCES

| | | |
|--------------|---|----------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | <u>0</u> |
| | Number of droppings | <u>0</u> |
| Geese ----- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mallards --- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mergansers - | Number of broods seen | <u>0</u> |
| Bald Eagles- | Number seen along creek | <u>0</u> |
| | Number of nests seen and location | <u>0</u> |
| Seals ----- | Number seen at mouth of stream | <u>0</u> |
| Tide flats - | Estimate length along beach | <u>-</u> |
| | Estimate depth out from beach | <u>-</u> |
| | Eel grass present on what percent of flats | <u>-</u> |



ROLLER BAY

Roller Bay Creek
104-40-05
8-11-75
Novak, R.Larson, Downey



Name Roller Bay Creek Catalog No. 104-40-05
Latitude N 55° 31' 04" WR No. _____
Longitude W 133° 42' 11" K No. _____
Geodetic Map No. Craig C-6 Work Area Ketchikan
Location Noyes Is. Roller Bay Head Watershed Length 2.5 miles
Drainage Area of Watershed 2.3 sq. miles (polar planimeter)
Water Supply Type Lake system with ground water. Precipitation as a supplemental source but not a major supplier.
Trails & Survey Routes Walk up streambed as the banks are quite brushy. Stream is small in size, shallow with windfall 1/2 miles upstream.
Aerial Survey Notes Heavy canopy effect being impossible to survey upper areas by fixed wing. Easily surveyed from air in ITZ.
Anchorage Poor anchorage due to open exposure.

Tide Stage When Surveyed 2nd half of flood

FISHERY RESOURCES

Commercial Fisheries Coho, pink, chum

Escapement Unknown - no records.

Available spawning area - 1,287 M2

Species Composition Unknown

Timing Late - August, September

Schooling areas Unknown, but speculate the upper intertidal zone of the creek may be a schooling area (left side).

Shellfish Potential Dungeness crab observed along shoreline. Clams observed in moderate to light numbers.

Sport Fisheries Excellent halibut grounds. Low recreation value due to remote conditions of the stream.

Land Use at Present None

History of Land Use None

Rehabilitation Potential None necessary relative to barriers but the midsection has heavy windthrow.

Soils Stable in lower 3/4 mile. Gradient increases above this point with greater erosion potential.

GAME RESOURCES

| | | |
|--------------|---|-----------------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | <u>0</u> |
| | Number of droppings | <u>0</u> |
| Geese ----- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mallards --- | Number seen on tide flats | <u>0</u> |
| | Number seen up creek | <u>0</u> |
| | Number of broods seen | <u>0</u> |
| Mergansers - | Number of broods seen | <u>0</u> |
| Bald Eagles- | Number seen along creek | <u>0</u> |
| | Number of nests seen and location | <u>0</u> |
| Seals ----- | Number seen at mouth of stream | <u>0</u> |
| Tide flats - | Estimate length along beach | <u>1 mile</u> |
| | Estimate depth out from beach | <u>300 feet</u> |
| | Eel grass present on what percent of flats | <u>0</u> |

ACKNOWLEDGMENTS

Gerry Downey, Robert Larson and David Ward contributed considerable efforts to the field surveys and associated reporting techniques. Manuscript preparation is again attributed to Sharon Peterson, Gary Finger and June Grant.

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